

# DINA GENE BATTISTO

2-321 Lee Hall, School of Architecture  
Graduate Studies in Architecture + Health  
Clemson University  
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## EDUCATION

- 2004 **Ph.D. in Architecture**, University of Michigan, Ann Arbor, MI  
Major area of study: Environment and Behavior  
Minor areas of study: Sociology of Aging, Public Health and Research Methods  
*Dissertation: Environmental Influences on Aging in Place*  
Co-Chairs from Architecture and Public Health
- 1996 **Master of Science** in Architecture, University of Michigan, Ann Arbor, MI
- 1993 **Master of Architecture**, Architecture + Health, Clemson University, Clemson, SC  
*Thesis: Paradigm Shift: A Resident Centered Model for Long Term Care*
- 1991 **Bachelor of Architecture** with honors, University of Tennessee, Knoxville, TN  
*Thesis: Continuing Care Retirement Community*

## ACADEMIC EXPERIENCE

### Clemson University, Clemson, SC:

- 2006 - Present **Associate Professor**, Graduate Studies in Architecture + Health  
School of Architecture
- 2000 - 2006 **Assistant Professor**, Graduate Studies in Architecture + Health  
School of Architecture
- 2005 - Present **Coordinator**, Ph.D. Program in Environmental Design and Planning, Built Environment +  
Health Concentration Area  
College of Architecture, Arts and Humanities

### University of Michigan, Ann Arbor, MI:

- 1996-1998 **Pre-doctoral Research Fellow**, Institute of Gerontology  
Sponsor: National Institute of Aging (NIA)
- 1994 - 1995 **Research Assistant** to Dr. Linda N. Groat, College of Architecture and Urban Planning  
*Conducted quantitative and qualitative analysis of data to explore gender and minority issues in architectural education*
- 1993 - 1994 **Research Associate**, Environmental Design for Aging Research Group  
*Studied the rituals of daily living activities of older adults to identify physical environment problems, coping strategies, environmental interventions, and formulate design criteria*

### Northwood University, Midland, MI:

- 1991 **Research Fellow**, Alden B. Dow Creativity Center  
*Participated in a ten-week summer residency program to study how residential healthcare facilities for older adults could be adapted to accommodate personal needs over time*

## PROFESSIONAL PRACTICE

- 2010 – Present     **President**, Birdtree, LLC, Clemson, South Carolina  
*Lead a consulting practice that conducts Facility Performance Assessments using a proven Post Occupancy Evaluation methodology in order to understand relationships between facility design and measurable outcomes vital to the success of a healthcare business.*
- 2008 – 2013     **Consultant**, NXT Health Consultant, Greer, South Carolina  
*Advised on healthcare design projects for Spartanburg Regional Health System including a new operating room, a family medicine clinic prototype, rethinking the emergency room, and a new community hospital. Also, assisted with securing approximately \$2 million dollars for design-based research.*
- 1998 – 2000     **Senior Management Consultant**, Chi Systems/Superior Consultant Co., Ann Arbor, MI  
*Managed the complete project cycle of healthcare planning engagements including client assessment, proposal development and project delivery. Assisted clients with facility planning, strategic business planning and operational planning. Also responsible for business development and marketing.*
- 1990, 1991     **Intern Architect**, Robert Joy & Associates, Glens Falls, NY

## TEACHING AND ADVISING

### Courses taught:

#### **Clemson University**, School of Architecture

ARCH 890: Selected Topics – Various Healthcare Related Topics

ARCH 886: Health Facilities Components

ARCH 858 & 859: Thesis Research and Thesis Manuscript.

ARCH 854 & ARCH 855: Architectural Design Studio

ARCH 8210: Research Design and Methods

ARCH 699: Lighting in Architecture (online – with Lighting Research Center at RPI)

ARCH 6880/488: Architectural Programming and Pre-design

ARCH 6850: History and Theory of Architecture and Health

HLTH 600: Health Policy, Planning and Administration

ARCH 699: Architectural Research in Healthcare Design

ARCH 699: Sustainable Healthcare Design and Landscapes

ARCH 699: Surgical Suite Design

EDP 815: Research Design and Methods Doctoral Seminar

PDBE 805 (Readings Course), PDBE 816 (Research Practicum) and PDBE 990 (Directed Study), PDBE 991 (Dissertation Research)

*Note: Underlined courses have been developed or significantly restructured*

#### **University of Michigan**, College of Architecture and Urban Planning

The Cultural Side of Architecture (Teaching Assistant), 1993 and 1994

### Doctoral Committees:

1. Christopher Kiss, The Influence of Windows on Surgeon Stress, 2016 – Present [Chair]
2. William Lewis, Environmental Influences on Team-Based Care in Primary Care Clinics for Military Health System, 2015 - Present [Chair]
3. Nyoman Dewi Pebryani, The Symmetry of Culture: A Study for an Ideal Symmetry Scheme of Double Ikat Technique in Geringsing Textile Patterns, 2016 – Present [Committee Member]
4. Mariyam Hamidpour, 2015- Present [Committee Member]
5. Deborah Franqui, Post Occupancy Evaluation in Primary Care Facilities, 2010 – 2015 [Chair]
6. Liang Zhang, Impact of lighting on health outcomes 2008 - Present [Chair]
3. Ellen Vincent, "Therapeutic benefits of nature images," 2006 – 2009 [Chair]

4. Jeremy Wells, "How people value new versus old residential built environments" 2006 – 2009 [Chair]

**Master of Architecture Thesis Committees:** [Co-Advisor or Committee member]

1. Tatiana Epimakhova, 2015-16
2. Judith Crews, 2012-13
3. Lisa Marchi, 2012-13
4. Heather Bachman, 2010-11
5. Eva Behringer, 2010-11
6. Megan Gerend, 2005-06
7. Clint Menefee, 2004-05
8. Robert Thompson, 2004-05
9. Heather Voorhaar, 2004-05
10. Lora Schwartz, 2003-04
11. Cullen Keen, 2003-04
12. Curtis Herrmann, 2002-03
13. Jamie Huggins, 2002-03
14. Scott Meade, 2002-03
15. Terry Wilson, 2002-03
16. Thomas Parham, 2001-02
17. Helen Darby, 2001-02
18. Shae Hensley, 2000-01
19. Maurie Duderstadt, 2000-01

*Note: A thesis is not required at Clemson.*

**Master of Science in Architecture Committees** [Chair or Committee Member]:

1. Adam Rose, 2014-17 [Chair]
2. Rutali Joshi, 2016-17 [Committee Member]
3. Robert Schultz, 2012-14 [Chair]
4. Deborah Franqui, 2010-11 [Chair]
5. Lauren Sandy, 2008-10 [Chair]
6. Laura Hamm, 2008-11 [Chair]
7. Alexis Gregory, 2005-06 [Committee Member]
8. Jeff Petit, 2002-03 [Committee Member]

**Student awards in A+H program:**

2015

**Martin David Award**

This award is given annually to a student rising into their final year of graduate studies, who demonstrates a combination of professional promise, overall academic standing, and excellence in applied fact-based research (Emily McGowen)

2014, 2016

**Buck Mickel Award**

Highest award in the School of Architecture, is given annually to the most outstanding graduating Master of Architecture student with the best overall design ability, overall academic ability, leadership, and professional promise (Julie Randolph, Emily McGowen)

2018, 2015, 2014, 2013, 2012, 2011 (2), 2010, 2009, 200y (2), 2004, 2001, 2000

**American Institute of Architects/American Hospital Association Graduate Student Fellow in Health Facilities Planning and Design – Tuttle Fellowship** (Chris Kiss, Tatiana Epimakhova, Kristen Staloc, Shan Jiang, Minglu Lin, Lisa Marchi, Heather Bachman, Eva Behringer, Lindsay Todd, David Ruthven, Marie McFadden, Heather Voorhaar, Helen Darby, and Shae Hensley)

2017, 2015, 2014, 2013, 2012, 2008

**Harlan McClure Individual Award**

Harlan E. McClure Award is given annually by the Faculty of the School of Architecture, College of Architecture, Arts and Humanities, Clemson University in recognition of outstanding architectural design as demonstrated in a graduate project or thesis (Austin Ferguson, Yaolong Wang, Scott Abernathy, Minglu Lin, Ryan Ramsey, Isaiah Dunlap)

2015, 2014, 2012, 2011 (2), 2006 (2), 2003, 2001, 2000

**American Institute of Architects Henry Adams Medal or Certificate**

Top-ranked graduate student or runner up (certificate) in School of Architecture (Tyler McLemore, Kimberly Bandy, Ryan Ramsey, Eva Behringer, Derrick Simpson, David Ruthven, Brenna Costello, Laura Schwartz, Helen Darby, Shae Hensley)

2011, 2010, 2007, 2001

**American Institute of Architects/Academy of Architecture for Health National Souder Award Winner** (Heather Bachman, Lindsay Todd, David Ruthven and Shae Hensley)

2012, 2011, 2011, 2007, 2005

**Healthcare Environments Award, First Place in Student Category** (Yanwen Xiao, Alex Ge, Lindsey Wagener, David Ruthven, Allen Buie)

Sponsored by the Center for Health Design, American Institute of Architects, Contract Magazine and Medquest Communications

2016, 2015, 2014 2005

**Healthcare Environments Award, Honorable Mention in Student Category** (Austin Ferguson, Jonathan Jian, Julie Randolph, Megan Gerend)

Sponsored by the Center for Health Design, American Institute of Architects, Contract Magazine and Medquest Communications

2005 **Healthcare Environments Award, First Place in Conceptual Design Category**

(Collaborative studio)

Sponsored by the Center for Health Design, American Institute of Architects, Contract Magazine and Medquest Communications

2004 **C2C (Cradle to Cradle – by McDonough and Braungart) International Home Design and Construction Competition, Second Place in Student Category** (Damien Linnen)

Sponsored by Roanoke Regional Housing Network, and the GreenBlue Institute

**Student awards in M.Arch:**

2014

**Clemson University Graduate Research and Discovery Symposium** (Advisor to Elizabeth Cooney and Aaron Peter awarded 2<sup>nd</sup> place; Advisor to Trey Meyer and Nick Irmen awarded 3<sup>rd</sup> place – 22 posters total)

2013

**Clemson University Graduate Research and Discovery Symposium** (Advisor to Katie Johnson and Nicole Miller awarded 2<sup>nd</sup> place; Advisor to Katrina Fumalgi and Elise Little awarded 3<sup>rd</sup> place – 18 posters total)

## HONORS AND AWARDS

2011 **Healthcare Environments Award, First Place in Professional Design Category**

Project Title: Village Family Practice Clinic, Greer, SC

Collaborative Team: McMillian, Pazdan Smith Group, Clemson University, Spartanburg Regional Health System

Sponsor: Center for Health Design, American Institute of Architects, Contract Magazine and Medquest Communications

2010 **Healthcare Environments Award, First Place in Conceptual Design Category**

Project Title: Patient Room 2020

Collaborative team: Dina Battisto, David Ruthven, Lin Zhang, Salley Whitman  
Sponsor: Center for Health Design, American Institute of Architects, Contract Magazine and Medquest Communications

- 2009 **Healthcare Environments Award, First Place in Conceptual Design Category**  
Project Title: Rethinking Family Medicine: Promoting Efficient and Effective Work Processes Through Design  
Collaborative team: Dina Battisto, Stephen Thomas, Tara Weeks, Salley Whitman, Mason Couvillion  
Sponsor: Center for Health Design, American Institute of Architects, Contract Magazine and Medquest Communications
- 2009 **Top Ten “Super Stars” at Clemson University**, Chosen as one of the top ten among all the faculty at Clemson University as one of the best faculty exemplars at Clemson University, Clemson, SC
- 2008 **Top Twenty Making a Difference**, Peer-nominated and selected by staff members from the internationally-circulated HEALTHCARE DESIGN magazine as one of twenty in the nation who are advancing the future of healthcare design. Refer to "Top 20 Making a Difference" in December 2008 issue of *Healthcare Design*
- 2008 **Award for Excellence in Research**, College of Architecture, Arts and Humanities, Clemson
- 2008 **NCARB Prize for Creative Integration of Practice and Education**, National Council of Architectural Registration Boards.
- 2005 **Healthcare Environments Award, First Place in Conceptual Design Category**  
Project Title: Patient Room Prototype  
Collaborative team: David Allison, Dina Battisto, Thomas Garvey, Tom Jennings  
Sponsor: Center for Health Design, American Institute of Architects, Contract Magazine and Medquest Communications
- 2005 **Second stage advancement**, The Gerontological Society of America (GSA)'s Behavioral and Social Sciences Student Dissertation Award, University of Michigan
- 2005 **Nominated for Dean’s service award**, Clemson University
- 2004 **Nominated for a Distinguished Dissertation Award**, University of Michigan
- 1996 - 1998 **Institute of Gerontology Pre-doctoral Fellow**, University of Michigan
- 1994 **Charles Ward Seabury Research Fellow**, University of Michigan
- 1993 - 1994 **James and Christine Newman Fellow**, University of Michigan
- 1993 **American Institute of Architects Henry Adams Medal**, Clemson University
- 1992 - 1993 **American Institute of Architects & American Hospital Association Graduate Fellow in Health Facilities Planning and Design**, Clemson University
- 1992 - 1993 **American Association of University Women Fellow**, Clemson University
- 1992 **Member of Tau Sigma Delta**, Honor Society, Clemson University
- 1992 **Duke Endowment Award**, Clemson University
- 1991 **South Carolina’s Ladies’ Auxiliary Scholarship**, Clemson University
- 1991 **Alden B. Dow Creativity Fellow**, Northwood University
- 1991 **Dean’s Award for Senior Thesis Design Project**, University of Tennessee

## RESEARCH AND PRACTICE

### Funded grants and contracts:

2018 - 2019 **Principal Investigator**, "The Influence of Windows on Surgeons' Stress"  
Sponsor: College of Architecture, Arts and Humanities, Faculty Research Development Program. (\$14,000)

Collaborators: James A. McCubbin (Psychology), Ph.D., Patrick Rosopa (Psychology), Ph.D., Christopher Kiss (Doctoral student, PDBE PhD Program), Dr. Sandra Wong (Surgery Chair, Dartmouth Hitchcock Medical Center), Laurie Heels (Clinical Director, The Center for Perioperative Nursing, Dartmouth Hitchcock Medical Center)

*Scope of Work:*

*Conduct a research experiment to measure the influence of exterior views and daylight in operating rooms on surgeon stress.*

2014 - 2016 **Principal Investigator**, "Post Occupancy Evaluations of Existing Military Healthcare Facilities in the Republic of Korea" (\$499,760 through Birdtree)  
Sponsor: Department of Defense – US Army through VW International Inc.

Collaborators: Deborah Franqui, Sharon Steele and Kelly Scott (VW International, Inc.)

*Scope of Work:*

*Collected baseline data for a Facility Performance Quality Assessment of several medical facilities where patient care occurs for the US Army in Korea. This engagement utilized a Post Occupancy Evaluation of the Army's existing facilities (pre-move) and a possible follow-up second phase to assess the new facilities (post-move).*

2011 - 2013 **Principal Investigator**, "Military Health System Inpatient Room Analysis" (\$135,595 total through NXT, \$47,837 subcontract through Clemson University)  
Sponsor: TriCare Management Activity /Military Health System (MHS) PPMD Division through National Institute of Building Sciences (NIBS)

Collaborators: David Ruthven, Lindsey Wagener, and Mitch Newbold (NXT), Mike Bouchard (TriCare Management Activity – Facilities Office for the MHS)

*Scope of Work:*

*Conducted a case study analysis of 14 design attributes on four inpatient room typologies (medical-surgical, labor, delivery, recovery, post partum; behavioral health, and critical care) across six new MHS hospitals.*

2011 - 2012 **Principal Investigator**, "Military Health System Post Occupancy Study Policy Development" (\$94,932 total through NXT - \$67,898 subcontract through Clemson University)  
Sponsor: TriCare Management Activity /Military Health System (MHS) PPMD Division through National Institute of Building Sciences (NIBS)

Collaborators: Sonya Albury-Crandall and Deborah Franqui (Clemson); Mike Bouchard (TriCare Management Activity – Facilities Office for the MHS)

*Scope of Work:*

*Team developed a report that outlined a pathway and policy considerations for a facility assessment program for the Military Health System. Report included a POE methodology and toolkit tailored to the MHS as well as informed by World Class Principles and objectives.*

2011 – 2012

**Principal Investigator**, “Military Health System Post Occupancy Study Pilot Study at Fort Belvoir Community Hospital” (\$225,288 total through NXT - \$81,160 subcontract through Clemson University)

Sponsor: Department of Defense / TriCare Management Activity /Military Health System (MHS) PPMD Division through National Institute of Building Sciences (NIBS)

Collaborators: Deborah Franqui and Mason Couvillion, Justin Miller and Dianah Katzenberger (Clemson/NXT); Mike Bouchard (TriCare Management Activity – Facilities Office for the MHS); Trillis Birdseye, Pamela Ferguson and Brenda McDermott (USA HFPA), Anthony Travia (US Corp of Engineers)

*Scope of Work:*

*Improved the MHS POE Methodology and Toolkit based on lessons learned from the first pilot and then conduct a second pilot study at Fort Belvoir Community Hospital.*

2011 - 2012

**Principal Investigator**, “Post Occupancy Evaluation of Village Family Medicine”

Sponsor: None, volunteer time to Spartanburg Regional Health System’s Physician Network

Collaborators: Deborah Franqui

*Scope of Work:*

*Conducted a Post Occupancy Evaluation of the newly opened Village Family Medicine*

2010 - 2011

**Principal Investigator**, “Development of a Post Occupancy Evaluation Methodology and Toolkit and Pilot Test at Bassett Army Community Hospital” (\$300,000 through NXT, \$183,598 subcontract through Clemson University)

Sponsor: Department of Defense / TriCare Management Activity /Portfolio Planning Management Division through Noblis

Collaborators: Mason Couvillion and Sonya Albury Crandall (Clemson); Mike Bouchard (TriCare Management Activity – Facilities Office for the MHS); Trillis Birdseye, Pamela Ferguson and Dan Gerdes (USA HFPA)

*Scope of Work:*

*Team developed a Post Occupancy Evaluation Methodology and Tool-kit for the Military Health System informed by the MHS’s World Class Criteria. The POE methodology and tool-kit was then pilot tested at a MHS Community Hospital.*

2010 - 2011

**Principal Investigator**, “Creating World Class Facilities for the Military Health System – Phase II” (\$300K total through NXT - \$177,500 subcontract through Clemson University)

Sponsor: Department of Defense / TriCare Management Activity (TMA) / Portfolio Planning and Management through Noblis

Co-Investigator: David Allison (at Clemson)

Collaborators: Noblis, TMA, Georgia Tech, NXT on various projects related to the World Class Program

*Scope of Work:*

- 1. Strategic Vision for World Class Facilities, Created a World Class Navigational Model*
- 2. Design Strategy Checklist Refinement*

2009 – 2010

**Principal Investigator**, “Creating World Class Facilities for the Military Health System – Phase I” (\$300K total through NXT – \$131,713 subcontract through Clemson University)

Sponsor: Department of Defense through Noblis and NXT

Co-Investigators: David Allison, Sonya Albury-Crandall, and Stephen Verderber (Architecture + Health).

Collaborators: Noblis, TMA, Georgia Tech, NXT on various projects related to the World Class Program

*Active research projects supported by grant:*

1. *Strategic Vision for World Class Facilities - Created a World Class Navigational Model*
2. *Design Guidelines*
3. *Case Studies – Two types: a). comprehensive investigation of primary and specialty care outpatient clinics and b). issue specific for design guidelines*
4. *Design Review Instrument*

2009 – 2011 **Principal Investigator**, “Patient Room for the Future Prototype Research Initiative – Phase II” (\$495,689) Subcontract through Clemson University, \$770,000 total)  
Sponsor: Department of Defense through NXT

Co-Investigators from Clemson: Rich Pak and Stephen Verderber (at Clemson)  
Collaborators: Tom Jennings and Salley Whitman (NXT) David Ruthven (Birdtree Design), Wolfgang Preiser (University of Cincinnati Professor Emeritus), Mariana Figueiro (Lighting Research Center at Rensselaer Polytechnic Institute - RPI)

1. *Prospective Memory Study in the Nursing Environment: Effects of Event-based and Time-based Prospective Load*
2. *Lighting Study*
3. *Nature Study - Impact of Nature Images on Surgery Patients*
4. *Patient Room 2020 – Future Vision for a Hospital Patient Room*
5. *Post Occupancy Evaluations of Multiple Medical Surgical Nursing Units*

2007 - 2009 **Principal Investigator**, “Patient Room of the Future Prototype – Phase I” (\$363,633 plus \$99,000 for equipment on Clemson campus, \$1.2 Million total)  
Co-Investigators: Rich Pak, David Allison (at Clemson)  
Collaborators: Tom Jennings and Salley Whitman (NXT) David Ruthven (Birdtree Design),  
Sponsor: Department of Defense through Spartanburg Regional Health System *Lead six research projects related to a patient room design prototype as part of the “Hospital for the Future” Program designated by the Department of Defense*

1. *Analyzing Nursing Tasks in General Medical Surgical Patient Care Units*
2. *Bathroom Usability Study*
3. *Headwall Experiment – Comparing two headwall designs*
4. *Nature Study*
5. *Technology Review of Emerging Technologies Impacting Inpatient Care*
6. *Literature Review of Materials Related to Infection Control Issues for Healthcare Facilities*

2006 - present **Co-Investigator**, “Health Facility Design and Testing Center” Partnership among Clemson University (CU), Medical University of SC (MUSC), University of SC with Spartanburg Regional Healthcare System (SRHS) - to include two endowed chairs (one at Clemson and one at MUSC) and facility infrastructure and support (\$10M proposal, David Allison PI)  
Sponsor: Health Sciences of South Carolina, SC Centers of Economic Excellence, CU, MUSC and SRHS  
*Role: Concept and proposal development; provide architectural research expertise in the area of healthcare design and guidance on a research agenda for empirically studying health facilities that connects design, research and practice*

2006 - 2008 **Co-Principal Investigator**, “Analyzing Nursing Tasks in Acute Care Settings” (\$83,000)  
Sponsor: Spartanburg Regional Health System  
*Conducting a nursing task analysis within an acute patient care setting using observation research and interviews*



- 2005 - 2009 **Co-Principal Investigator**, "Inpatient Room Design Prototype" (\$291,000) (with David Allison)  
Sponsor: Spartanburg Regional Health System  
*Design of an acuity-adaptable patient room prototype, mock-up and preliminary evaluation within a simulated "black box" environment*
- 2005 - 2006 **Principal Investigator**, "Development of Learning Modules to promote Sustainable Design Literacy in Architectural Education" (\$2,472)  
Sponsor: McClure Award for Teaching Enrichment, College of Architecture, Arts & Humanities, Clemson University  
*Responsibilities: Developing a series of learning modules that can be implemented into the architectural curriculum. The intent of learning modules is to enhance teaching in the areas of ecological and sustainable design.*
- 2004 - 2006 **Principal Investigator**, "A Green Healthcare and Wellness Center, Clemson, SC" (\$39,500)  
Sponsors: College of Architecture, Arts & Humanities; College of Health, Education and Human Development at Clemson University and various external sources  
*Co-lead an interdisciplinary collaborative design-based research project to create a green building for the Sullivan Center, a nurse managed wellness center*
- 2003 - Present **Research Member**, Institute for Engaged Aging  
Sponsor: Clemson University  
*Multi-disciplinary team involved in aging in place research, conferences, workshops and educational activities*
- 2001 - 2006 **Co-Principal Investigator**, "Clinical Learning and Research Center (CLRC), Clemson University" (approx. \$250,000 including equipment donations)  
Sponsor: Various industry donations  
*Initiated a collaborative project to conceptualize, program and design an on-campus renovated facility for teaching clinical skills for nursing students. Assisted in fundraising and successfully negotiated the donation of state-of-the-art healthcare equipment from institutional and industrial partners*
- 2004 **Co-Investigator**, "A Family Model of Care: A Means for Supporting Nursing Home Residents' Continued Growth and Development" (\$1,000)  
Sponsor: School of Architecture and Department of Parks, Recreation and Tourism Management  
*Collaborative project between Architecture and Therapeutic Recreation to conduct focus groups with 50 staff members (direct care staff, support staff and administration) in a nursing home to evaluate the transition from a medical model of care to a social model of care*
- 2002 - 2003 **Advisor**, "Review, Critique, and Propose Recommendations to the Guidelines for Design and Construction of Hospital and Health Care Facilities" (\$24,000)  
Sponsor: AIA Healthcare Guidelines Revision Committee  
*Advised the development of a survey instrument to assess the readability of the Guidelines for the new edition*
- 2002-2003 **Co-Investigator**, "Collaborative Design-Based Research and Learning Project for an Acuity Adaptable Inpatient Care Module" (\$29,500)  
Sponsor: Innovation Fund, Clemson University  
*Collaborated with an interdisciplinary and multi-university team to review empirical research impacting the patient room in hospitals, study various designs and build a full-scale mock up of an acuity adaptable room*
- 2001 - 2003 **Principal Investigator**, "Understanding the Nature and Rate of Change in Hospital Laboratories" (\$20,000)  
Sponsor: Coalition for Health Environments Research

Conducted survey research and case study research to describe the types and frequency of changes that occur in clinical laboratories in over a five year period

2001 - 2003 **Principal Investigator**, "Develop a New Sustainability Educational Module" (\$3,000)  
Sponsor: Sustainable Universities Initiative  
*Developed a new educational module on sustainable architectural practices and implemented content into one of the required courses in the Architecture + Health program.*

1992 **Research Fellow**, American Hospital Association and American Institute of Architects (\$6,000)  
Sponsor: American Hospital Association and American Institute of Architects  
*Conducted field research in 35 residential environments for the elderly throughout Denmark and Holland to explore ways health services can be provided in a residential environment*

**Grant Research Reviewer:** (as needed)

- Academy of Architecture for Health Foundation (AAHF) – Grants Program
- Center for Health Design (CHD)
- College of Architecture, Arts & Humanities Research Review Committee

**Journal/Conference Reviewer:** (as needed)

- Association of College Schools of Architecture (ACSA)
- Architectural Research Centers Consortium (ARCC)
- Environment and Behavior Journal
- Environmental Design and Research Association (EDRA)
- Environmental Building News
- Health Environments Research and Design Journal (HERD)

## PUBLICATIONS

**Peer Reviewed Publications:**

**Battisto, D.** Vincent, E. and Dye, C. (2018). "Technological Supports to Increase Nature Contact for Older Adults" in *Designed Technologies for Healthy Aging*. Edited by Richard Pak and Anne McLaughlin. Elsevier. Amsterdam, Netherlands.

[Book proposal accepted] **Battisto, D.** and Franqui, D. (forthcoming 2019). *Developing a Performance Framework for Architects*. Routledge/Taylor and Francis Group. New York: NY.

[Book proposal submitted] **Battisto, D.** and Wilhelm, J. (Editors) *Architecture and Health: Guiding Principles for Practice*. Book Proposal to be submitted to Routledge in 2017.

**Battisto, D.** and Franqui, D. (2015). Quality Assessments in Health Care Environments, In Preiser, W.F.E., Davis, A.T., and Salama, A. (Editors), *Architecture Beyond Criticism: Toward a New Paradigm*. Routledge in U.K.

**Battisto, D.** and Franqui, D. (2013). Linking Programming, Design and Post Occupancy Evaluation: A Primary Care Clinic Case Study. *Proceedings of the 2013 Architectural Research Centers Consortium (ARCC) Spring Research Conference*. pp 361-369.

**Battisto, D.** and Franqui, D. (2013). A Standardized Case Study Framework and Methodology to Identify Best Practices. *Proceedings of the 2013 Architectural Research Centers Consortium (ARCC) Spring Research Conference*. pp 406-414.

**Battisto, D.**, Clark, T., Ron, S. (2013). Research-based Design: Breaking down the Options. *Healthcare Design Magazine*. January/February Issue. <http://www.healthcaredesignmagazine.com/article/research-based-design-breaking-down-options>.

- Dye, C. Willoughby, D. and **Battisto, D.** (January 2011). Advice from Rural Elders: What it takes to Age in Place. *Educational Gerontologist, Volume 37, Number 1*, pp. 74-93.
- Pak, R. Fink, N., Price, M. and **Battisto, D.** (2010). Two Case Studies in Human Factors in Healthcare: The Nurse and Older Patient in IGI Global's *Human Centered Design of E-Health Technologies*. Matina Ziefle and Carsten Rocker (Editors) Hershey, PA (Book Chapter – pp. 272 – 295)
- Vincent, E. **Battisto, D.** and Grimes, L. (2010) The Effects of Presence and Influence in Nature Images in a Simulated Hospital Patient Room, *Health Environments Research & Design Journal: Volume 3, Number 3*, pp 55-69.
- Vincent, E. **Battisto, D.** and Grimes, L., McCubbin, J. (2010). Effects of Nature Images on Pain in a Simulated Hospital Patient Room. *Health Environments Research Journal: Vol. 3, Number 3*, pp 42-55.
- Battisto, D.**, Preiser, W.F.E., Verderber, S. (2010). The Triad of Universal Design, Research Design and Guideline Development. In Mardelle Shepley's *Post Occupancy Evaluation in Healthcare Facilities*.
- Preiser, W.F.E., Verderber, S. and **Battisto, D.** (November 2009) Assessment of Health Center Performance: Toward the Development of Design Guidelines. *International Journal of Architectural Research, Volume 3, Issue 3*, pp. 21-44.
- Fink, N., Pak, R. and **Battisto, D.** (2009) Developing a Usability Evaluation Tool to Assess the Patient Room Bathroom. *Health Environments Research & Design Journal. Volume 3, Number 3*, pp 22-41.
- Maier, J., **Battisto, D.** and Fadel, G. (July 2009). An Affordance Based Approach to Architectural Theory, Design, and Practice. *Design Studies, Volume 30*, pp. 393- 414.
- Battisto, D.**, Pak, R., Vanderwood, M. and Pilcher, J. (2009). Employing a Task Analysis to Describe Nursing Work in Acute Care Patient Environments. *Journal of Nursing Administration, Volume 39, Number 12*, pp 537-547.
- Battisto, D.**, Thomas, S., Whitman, S. and Weeks, T. (2009). Rethinking Family Medicine: Promoting Efficient and Effective Work Processes Through Design. *AIA Academy of Architecture for Health Journal\_(October 2009)*. [http://info.aia.org/journal\\_aah.cfm?pagename=aah\\_journal\\_current](http://info.aia.org/journal_aah.cfm?pagename=aah_journal_current).
- Pak, R., Fink, N., **Battisto, D.** and Allison, D. (2009) Subjective Workload Analysis of a Redesigned Patient Headwall. *Proceedings for the Research Day Conference*, Delft University.
- Battisto, D.** and Allison, D. (2008). A Hospital Patient Room Prototype: Bridging Design and Research. *AIA Academy of Architecture for Health Journal*. (October 2008). Article available at: [http://info.aia.org/journal\\_aah.cfm?pagename=aah\\_journal\\_current](http://info.aia.org/journal_aah.cfm?pagename=aah_journal_current).
- Battisto, D.** (2007). Invited to write a letter to the editors for the Inaugural issue. *Health Environments Research & Design Journal* (Kirk Hamilton and Jan Stichler, Journal Editors).
- Battisto, D.**, Allison, D. and Crew, L. (2006). A Green Community Wellness Center: Expanding the Scope of Design for Health. *The American Institute of Architects Academy Journal. (October 2006 issue)*.
- Battisto, D.** (2005). Change in Clinical Labs in Hospitals. *Implications. September issue* (7 pages). <http://www.informedesign.umn.edu/>.
- Battisto, D.**, Conti, A., Parks, A., Voelkl, J., and Carson, J., (2005). Perceptions of Public Areas in Long Term Care Environments: Activity Spaces or Therapeutic Places? *Therapeutic Recreation Journal. 14*, 85-97.
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Durham, J. H., and **Battisto, D. G.** (1999). Planning and Programming: The Building Blocks to Designing a Cancer Center. *The American Institute of Architects Academy Journal* (12 pages).

**Battisto, D.** and Norman, J. (1993). Renaissance of Concern. *Architronic 1993: The Electronic Journal of Architecture*, vol. 2, n2.04 at Kent State University (7 pages).

### **Peer- Reviewed Conference Proceedings:**

**Battisto, D.** Albury-Crandall, S., Verderber, S. and Whitman, S. (2011). Presenting a Methodology and Toolkit for Conducting POEs in Multiple Hospital-based Inpatient Care Units, AIA's International Building Performance Evaluation Symposium and Environmental Design and Research Association 42 (EDRA), Chicago, IL, May, 25 - 28, 2011.

Fink, N., Pak, R. Bass, B., Johnston, M. And **Battisto, D.** (2010). A Survey of Nurses Self-reported Prospective Memory Tasks: What Must they Remember and What do they Forget? To appear in Proceedings of the Human Factors and Ergonomics Society 54th Annual Meeting. San Francisco, CA: Human Factors and Ergonomics Society.

Fink, N., Pak, R. And **Battisto, D.** (2009). Prospective memory in the nursing environment: Effects of type of prospective task and prospective load. To appear in Proceedings of the Human Factors and Ergonomics Society 53rd Annual Meeting. San Antonio, TX: Human Factors and Ergonomics Society.

**Battisto, D.** (2006). The Nature and Rate of Change in Clinical Laboratories. Health Design Symposium at the Environmental Design Research Association Annual Conference. Atlanta, Georgia, May 2006

**Battisto, D.** and Allison, D. (2005). An Integrated Design and Research Framework for a Green Community Health Clinic. Design Health Diversity. Washington State University, Spokane, Washington, October 2005

Allison, D., and **Battisto, D.** (2005). Interdisciplinary Collaborative Approach to Designing a Green, Therapeutic and Community-Based Healthcare Setting. 18<sup>th</sup> Annual Symposium for Healthcare Design. Atlanta, GA, September, 2005

**Battisto, D.** (2004). Designing a Clinical Laboratory to Accommodate Changes. 2004 International Conference on the Design, Planning and Construction of Healthcare Facilities (PDC), Tampa, Florida, March 2004

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## Reports:

**Battisto, D.** and Franqui, D. (2016). *Post Occupancy Evaluation of Existing Brian Allgood Army Community Hospital in Republic of Korea*. Pre-Move Assessments of: Emergency Department, Surgery Department, Progressive Care Unit, Patient-Centered Medical Home (Outpatient Clinic). Submitted to Military Health System by Birdtree LLC and VW Incorporated.

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**Battisto, D.** and Ruthven, D., Stang, L. (2012). *Inpatient Room Analysis: A Case Study Comparison of Six New Military Health Facilities [ST-07]*. Submitted to National Institute of Building Sciences and TriCare Management Activity, Department of Defense.

**Battisto, D.** Albury-Crandall, S. and Franqui, D.(2012). *Pathway towards the Development of a Post Occupancy Evaluation (POE) Program and Policy for the Military Health System [ST-09A]*. Collaborators: U.S. Department of Defense, U.S. Health; U.S. Health Facility Planning Agency; U.S. Corps of Engineers; Bassett Army Community Hospital; Fort Belvoir Community Hospital. Submitted to National Institute of Building Sciences and TriCare Management Activity, Department of Defense.

**Battisto, D.** and Franqui, D., Couvillion, M. (2012). *Military Health System's Post Occupancy Evaluation Report: Fort Belvoir Community Hospital [ST-09B]*. Submitted to National Institute of Building Sciences and TriCare Management Activity, Department of Defense.

**Battisto, D.,** and Franqui, D. (2012). *Post Occupancy Evaluation Report: Village Family Medicine*. Submitted to Spartanburg Regional Health System's Village Family Medicine leadership team.

**Battisto, D.,** Albury-Crandall, S. and Couvillion, M. (2012). *Post Occupancy Evaluation Report: Greer Memorial Hospital's Inpatient Unit Analysis*. Submitted to Greenville Health System – Greer Hospital.

**Battisto, D.,** Albury-Crandall, S. and Couvillion, M. (2012). *Post Occupancy Evaluation Report: Patewood Memorial Hospital Inpatient Unit Analysis*. Submitted to Greenville Health System – Patewood Hospital.

**Battisto, D.,** Albury-Crandall, S. and Couvillion, M. (2012). *Post Occupancy Evaluation Report: Village Hospital at Pelham Inpatient Unit Analysis*. Submitted to Spartanburg Regional Health System – Village Hospital.

**Battisto, D.,** Albury-Crandall, S. and Couvillion, M. (2012). *Post Occupancy Evaluation Report: Spartanburg Regional Medical Center's Inpatient Unit Analysis*. Submitted to Spartanburg Regional Health System.

**Battisto, D.,** Couvillion, M. and Albury-Crandall, S. (2011). *Military Health System's Post Occupancy Evaluation Report: Bassett Army Community Hospital*. Submitted to TriCare Management Activity, Department of Defense and Noblis.

**Battisto, D.,** Albury-Crandall, S. (2011). *Developing a POE Methodology and Tool-kit for the Military Health System*. Submitted to TriCare Management Activity, Department of Defense and Noblis.

**Battisto, D.,** (2010). *Developing World Class Facilities for the Military Health System*. Submitted to TriCare Management Activity, Department of Defense and Noblis.

**Battisto, D.,** (2010). *Case Study Analyses of Primary Care Clinics for Military Health Facilities*. Submitted to TriCare Management Activity, Department of Defense and Noblis.

### **Dissertations and Practicums:**

**Battisto, D.** (2004). *Environmental Influences on Aging in Place*. Unpublished manuscript, University of Michigan (225 pages).

**Battisto, D.** (1996). *The Meaning of Home: An Exploration of Generational Differences in Married Couples*. Unpublished manuscript, University of Michigan (48 pages).

**Battisto, D.** (1995). *Gender Issues in the Home*. Unpublished manuscript, University of Michigan (32 pages).

**Battisto, D.** (1993). *Paradigm Shift: A Resident Centered Model to Long Term Care*. Unpublished manuscript, Clemson University (153 pages).

### **Other:**

A New Vision of Care. Published in *Health Facilities* (01.02.2014) by Jeff Ferenc.

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The Future of Healthcare Interiors. EOS Interiors Blog. Available at <http://www.eosinteriors.co.uk/things-we-like/the-future-of-healthcare-interiors/>. (February 2, 2011).

NXT Event, **Battisto, D.** Video of Proving Grounds for Evidence Based Design with David Ruthven, Salley Whitman and Tom Jennings, 2011.

Dye, C., **Battisto, D.**, Taylor, M. (2005). Aging in Place in Rural Communities: Challenges and Solutions, White Paper from the Aging in Place in Rural Communities Symposium (44 pages).

**Battisto, D.** (2004). Linking Health and the Built Environment: Learning from Historical Precedents, White Paper (16 pages).

Coile, R., Durham, J. H. and **Battisto, D. G.** (1999). Designing Health Systems for Women – America's Number One Healthcare Consumer, *ChiPlan Newsletter*. (8 pages).

**Battisto, D.** (1999). Research Space Planning for Academic Medical Centers. *ChiPlan Newsletter, vol.2, issue 2.* (2 pages).

### **Book Proposals and Manuscripts in progress:**

**Battisto, D.**, and Franqui, D. Environmental Assessments of Primary Care Clinics. *Health Environments Research and Design Journal*. Submit Fall 2018.

**Battisto, D.** Teaching Research in Design Education. *Journal of Architectural Education*. Submit Fall 2018.

## CONFERENCES

### **Peer Reviewed International Conference Presentations:**

**Battisto, D.** and Franqui, D. "Emerging Trends in Outpatient Clinic Design and the Trade-offs on Performance," International Union of Architects – Public Health Group, Paris, France May 2018.

Kiss, C., and **Battisto, D.**, "Case Studies of International Approaches to Daylight in the Operating Room," International Union of Architects – Public Health Group, Paris, France May 2018.

Lewis, W. and Battisto, D. "Understanding how the Team-Based Clinical Module is used for Delivering Care in Patient-Centered Medical Home Clinics," International Union of Architects – Public Health Group, Paris, France May 2018.

Allison, D. **Battisto, D.**, Behringer, E. Daylighting in Healthcare Facilities, 7<sup>th</sup> World Congress on Design and Health 2011, Boston, MA, July 2011 (Poster Presentation).

**Battisto, D.** Albury-Crandall, S., Verderber, S. and Whitman, S. (2011). Presenting a Methodology and Toolkit for Conducting POEs in Multiple Hospital-based Inpatient Care Units, AIA's International Building Performance Evaluation Symposium and Environmental Design and Research Association 42 (EDRA), Chicago, IL, May, 25 - 28, 2011.

**Battisto, D.**, Allison, D., Mare, G., Herbert, C. (2009). Critical Analysis of Two Distinct Patient Room Designs. 2009 International Conference on the Design, Planning, and Construction of Healthcare Facilities (PDC), Phoenix, Arizona, March 2009.

Vincent, E., **Battisto, D.** and Grimes, L. (2009). Research Experiment to Study How Nature Images Impact Physiological and Psychological Responses when a Person is Subject to Pain, Environmental Design and Research Association 40 (EDRA), Kansas City, Missouri, May, 29, 2009.

Vincent, E. **Battisto, D.** and Grimes, L. (2009) The Effects of Presence and Influence in Nature Images in a Simulated Hospital Patient Room, Research Day, Delft University, Netherlands, May 26, 2009.

Pak, R. Fink, N., **Battisto, D.**, Allison, D. (2009). Subjective Workload Analysis of a Redesigned Patient Headwall, Research Day, Delft University.

**Battisto, D. G.** (2005). Environmental Influences on Aging in Place. (Paper) 58th Annual Scientific Meeting of The Gerontological Society of America (GSA). Orlando, Florida, November 18 – 20, 2005

**Battisto, D. G.** (2005). The Meaning of Home: An Exploration of Generational Differences in Married Couples. [Poster] 58th Annual Scientific Meeting of The Gerontological Society of America (GSA) Annual Conference, Orlando, Florida, November 18 – 20, 2005.

Voelkl, J. and **Battisto, D.** (2005). Barriers to and Facilitators of Culture Change in Long-Term Care: Perceptions of Nursing Home Staff. [Poster] 58th Annual Scientific Meeting of The Gerontological Society of America (GSA) Annual Conference, Orlando, Florida, November 18 – 20, 2005.

**Battisto, D.** (2004). Designing a Clinical Laboratory to Accommodate Changes. 2004 International Conference on the Design, Planning, and Construction of Healthcare Facilities (PDC), Tampa, Florida, March 2004.

### **Peer Reviewed National Conference Presentations:**

Gresko, M., Jacobs, B. and **Battisto, D.** "Millennials are Seeking Healthy Workplaces," Poster Session. Environmental Design Research Association 49. Oklahoma City, OK, 2018.

Chen, S.W., Joharchi, T. and **Battisto, D.**, "Outdoor Areas on University Campus Preferred by Students to Socialize," Poster Session. Environmental Design Research Association 49. Oklahoma City, OK, 2018.

Krasnova, K., Zeng, Y. and **Battisto, D.** "Encouraging Social Bonds among International and Domestic Students," Poster Session. Environmental Design Research Association 49. Oklahoma City, OK, 2018.

**Battisto, D.**, Lewis, W. and Kiss, C. A Task Analysis of Patient-Centered Medical Home Room Functionality and Operational Efficiency. Healthcare Design 2017. Orlando, Florida.

Kiss, C., **Battisto, D.** Lewis, W., "Architecture Students Share Insights about Open Plan Studio Environments," Environmental Design Research Association 48. Madison, WI, June 2017.

Lewis, W., **Battisto, D.** and Kiss C., "Student Perceptions on How Classroom Designs Promote Active Learning," Environmental Design Research Association 48. Madison, WI, June 2017.

Lewis, W. and **Battisto, D.**, Shifting Primary Care Practices: A Comparative Analysis of Patient Centered Medical Home models for the Military Health System and Veteran Health, Environmental Design Research Association (EDRA) 47. Raleigh-Durham, NC, May 2016.

Franqui, D. and **Battisto, D.** (2016). An Evidence-Based Design Checklist to Inform Clinic Design. Healthcare Design 2016, Houston TX, November 2016,

Vincent, E. and **Battisto, D.**, Therapeutic Benefits of Nature Images to Hospital Surgery Patients. Healthcare Design 2015, Washington DC, November, 2015.

**Battisto, D.**, Schultz, R., Steele, S. and Franqui, D. World Class Facilities for the Military in the Republic of Korea – A Post Occupancy Evaluation. Healthcare Design 2015, Washington DC, November, 2015.



- Battisto, D.**, and Franqui, D. Pathways toward Assessing the Quality of Ambulatory Care Clinics. Healthcare Design 2014, San Diego, CA, November, 2014.
- Battisto, D.**, and Franqui, D. Linking Programming, Design and Post Occupancy Evaluation through a Performance Framework. Healthcare Design 2013, Orlando, FL, November, 2013.
- Battisto, D.** and Franqui, D. Linking Programming, Design and Post Occupancy Evaluation: A Primary Care Clinic Case Study. Architectural Research Centers Consortium (ARCC) Spring Research Conference – The Visibility of Research. March 2013.
- Battisto, D.** and Franqui, D. A Standardized Case Study Framework and Methodology to Identify Best Practices. Architectural Research Centers Consortium (ARCC) Spring Research Conference – The Visibility of Research. March 2013.
- Clark T., **Battisto, D.** and Smith, R. (2012). Better Healthcare Designs through Research: A Perspective from the AIA's Academy of Architecture for Health Knowledge Community. AIA 2012 Annual National Conference, Washington, DC, May 2012.
- Battisto, D.**, and Franqui, D. Rules of Thumb for Primary Care Clinics. Healthcare Design 2011, Nashville, TN, November, 2011.
- Battisto, D.**, Albury-Crandall, S., Verderber, S. and Whitman, S. Findings from Post Occupancy Evaluations of Inpatient Care Units at Multiple Hospital Sites. Healthcare Design 2010, Las Vegas, NV, November, 2010.
- Vincent, E. and **Battisto, D.**, Nature Images – The Effects on Patients Undergoing Surgery. Healthcare Design 2010, Las Vegas, NV, November, 2010.
- Battisto, D.**, Steele, S. and Boenecke, C, Integrated Model for Creating and Maintaining World Class Medical Facilities—A Military Perspective. Healthcare Design 2010, Las Vegas, NV, November 2010.
- Vincent, E and **Battisto, D.** (2009) The Influence of Virtual Nature Images on Physiological and Psychological Responses to Pain, Healthcare Design 09, Orlando, Florida, November 2009.
- Battisto, D.**, Pak, R., and Allison, D. (2009). Evidence-Based Approach to Creating a Human-Centered Acute Care Patient Headwall, Healthcare Design 09, Orlando, Florida, November 2009.
- Allison, D. and **Battisto, D. G.** (2007). Prototype Based Design-Research Project as Proof of Concept for a Health Facilities Design and Testing Center. Healthcare Design 07. Dallas, TX, November 6, 2007.
- Voelkl, J. and **Battisto, D.** (2005). Barriers to and Facilitators of Culture Change in Long-Term Care: Perceptions of Nursing Home Staff. American Therapeutic Recreation (ATRA) Annual Conference, Salt Lake City, Utah, October 7 – 11, 2005.
- Allison, D., and **Battisto, D.**, and. (2005). Interdisciplinary Collaborative Approach to Designing a Green, Therapeutic and Community-Based Healthcare Setting. 18<sup>th</sup> Annual Symposium for Healthcare Design. Atlanta, GA, September 26-28, 2005.
- Voelkl, J. E. and **Battisto, D.** (2004). A Family Model of Care. American Therapeutic Recreation (ATRA) Annual Conference, Kansas City, Kansas, October 2004.
- Battisto, D.** (2003). Understanding the Nature and Rate of Change in Clinical Laboratories. Healthcare Design.03, Miami, Florida, December 2003.
- Battisto, D.** and Carson, J. (2003). Integrating Education and Service to Improve Learning and Encourage the Design of Healthy Environments, Council of Educators in Landscape Architecture (CELA) 2003 Annual Conference, Charleston, SC September 2003

Carson, J., **Battisto, D.** and Voelkl, J. (2003). Activity Spaces or Therapeutic Places? American Therapeutic Recreation (ATRA) Annual Conference, Atlanta, GA September 2003.

**Battisto, D.** (2003). Understanding the Nature and Rate of Change in Clinical Laboratories, Architectural Research Centers Consortium (ARCC) - *Stimulating Research*, April 2003.

**Battisto, D.**, Allison, D., and Oka, Y. (2003). Weaving Research and Design: A Case Study to Create a Simulated Clinical Environment, Architectural Research Centers Consortium (ARCC) - *Stimulating Research*, April 2003.

**Battisto, D.** (1993). Paradigm Shift: A Resident Centered Model for Long Term Care, American Institute of Architects/American Hospital Association Conference, August 1993, Orlando Florida

**Battisto, D.** (1991). Creating Responsive Architecture: The Personal Living Environment, Alden B. Dow Annual Conference, August 1991, Midland, Michigan.

### **Peer Reviewed Regional Conference Presentations:**

Carson, J., **Battisto, D.** and Voelkl, J. (2004). Activity Spaces or Therapeutic Places? American Therapeutic Recreation (ATRA) Regional Conference, Greenville, South Carolina, June 2004.

**Battisto, D.** (2003) Outdoor Public Areas in Healthcare Settings Workshop [Moderator], Health By Design Symposium and Workshop Dedicated to the Conscious Creation of Healthy Environments, Charleston, SC, September 2003.

### **Conference Organizer and Co-Organizer:**

Allison, D., and **Battisto, D.** Workshop title: 2013 AIA SAR Architecture for Health Annual Conference  
A workshop that celebrates A+H at Clemson for 45 years in conjunction with the AIA / AAH South Atlantic Regional Architecture + Health Conference and Chautauqua, Clemson, SC, August 2013 (approximately 200 attended).

Jennings, T., Whitman, S., **Battisto, D.**, and Ruthven, D. (2011). Workshop title: *NXT Event*.  
Co-organized the *NXT Event* to showcase the collaborative work between NXT and Clemson University. Developed a video to communicate the "Proving Grounds" philosophy and a roll out the Patient Room 2020. Worked with the students to organize all project displays. ( Evening event with approximately 100 participants).

**Battisto, D.**, Allison, D., and Hewitt, R. (2005). Workshop title: Design Workshop for an Interdisciplinary Green Health Clinic.  
Primary organizer who conceived the symposium, recruited and secured six nationally recognized experts from various fields to come to Clemson University to give a lecture and participate in a 1 ½ day integrated design workshop with faculty and students from various disciplines, 2005 (approximately 60 participants)

Dye, C., **Battisto, D.** and Taylor, M. Symposium title: *Aging in Place: Challenges and Solutions*, 2005.  
*One of the primary organizers who conceived the symposium, organized the agenda and secured one of the four leading researchers (Stephen Golant) to participate in the symposium (approx. 120 attended)*

Allison, D., Westphal, J. and **Battisto, D.** Workshop title: *Health by Design Symposium and Workshop*  
Dedicated to the Conscious Creation of Healthy Environments. A workshop that combines three parallel and complementary movements including healthy communities, integrated medicine and green design, Charleston, September 2003 (approximately 85 attended). One of the organizers of the symposium and moderator for the outdoor public areas break out work session.

### **Invited Presentations, Panelist or Moderator: (selected)**

- Battisto, D.** A Presentation to the Leadership of the Defense Health Agency and Military Health System. December 2016. Washington, DC.
- Barker, J., Caban, J., Huff, R., Jacques, J. (Panelists) and **Battisto, D.** (Moderator). Villa at 40, Celebration for the 100 Years of Architecture at Clemson University. Panel discussion with video recording, editing and dissemination, January 2013.
- Battisto, D.** and Ruthven, D., Stang, L. Inpatient Room Analysis: A Case Study Comparison of Six New Military Health Facilities [ST-07]. Presented to TriCare Management Activity Leadership, Department of Defense, Washington DC, October 2012.
- Battisto, D.** Albury-Crandall, S. and Franqui, D. Pathway towards the Development of a Post Occupancy Evaluation (POE) Program and Policy for the Military Health System [ST-09A]. Presented to TriCare Management Activity Leadership, Department of Defense, Washington DC, October 2012.
- Battisto, D.** and Franqui, D., Couvillion, M. Military Health System's Post Occupancy Evaluation Report: Fort Belvoir Community Hospital [ST-09B]. Presented to TriCare Management Activity Leadership, Department of Defense, Washington DC, October 2012.
- Battisto, D.,** Albury-Crandall, S. and Couvillion, M. Post Occupancy Evaluation Report: Village Hospital at Pelham Inpatient Unit Analysis. Presented to Spartanburg Regional Health System – Village Hospital, November 2012.
- Battisto, D.,** Albury-Crandall, S. and Couvillion, M. Post Occupancy Evaluation Report: Spartanburg Regional Medical Center's Inpatient Unit Analysis. Presented to Spartanburg Regional Health System, November 2012.
- Battisto, D.,** Albury-Crandall, S. and Couvillion, M. Post Occupancy Evaluation Report: Greer Memorial Hospital's Inpatient Unit Analysis. Presented to Greenville Health System – Greer, June 2012.
- Battisto, D.,** Albury-Crandall, S. and Couvillion, M. Post Occupancy Evaluation Report: Patewood Memorial Hospital Inpatient Unit Analysis. Presented to Greenville Health System – Patewood, April 2012.
- Battisto, D.,** Couvillion, M. and Albury-Crandall, S. Military Health System's Post Occupancy Evaluation Report: Bassett Army Community Hospital. Presented to TriCare Management Activity, Department of Defense and Noblis, August 2011.
- Battisto, D.,** Albury-Crandall, S. Developing a POE Methodology and Tool-kit for the Military Health System. Submitted to TriCare Management Activity, Department of Defense and Noblis, September 2011.
- Battisto, D.,** Whitman, S. Jennings, T. and Ruthven, D. Smart Technologies for Patient Room Environments, to Kaiser Permanente and Garfield Center, June, 2011.
- Battisto, D.** A Vision for Creating World Class Facilities, to leadership of Department of Defense, TriCare Management Activity (TMA), Veteran's Affairs and Noblis, June, 2011.
- Battisto, D.** Critical Issues in Healthcare Architecture (Panelist), Second Annual Southeast Regional Architecture + Health Conference, Clemson, SC Clemson University, May 2011.
- Battisto, D.** and Jennings, T. Hospital of the Future – Final Research Presentation to leadership of Telemedicine and Advanced Technology Research Center (TATRC), March, 2011.
- Battisto, D.** and Albury-Crandall, S. Post Occupancy Evaluations for Patient Care Units, to Nursing Research Day, Greenville Hospital System, October, 2010.
- Battisto, D.** A+H Research Update, First Annual Southeast Regional Architecture + Health Conference, Clemson, SC Clemson University, May 2010.

Steele, S., Smith, Diana, Murphy, R.(Noblis), Zimring, C, Cowan, D. (Georgia Tech), **Battisto, D.** and Allison, D (Clemson). Defining Military Health System World Class Requirements, DoD Medical Facilities Acquisition Summit, May 26-27 2010.

**Battisto, D.** A+H Research Update, 1<sup>st</sup> Annual Southeast Regional Architecture + Health Conference, Clemson, SC Clemson University, May 2010.

**Battisto, D.** Whitman, S. (February 2010) Human Factors Research to Environmental Design Concepts – Kaiser Permanente and Garfield Center.

**Battisto, D.**, Allison, D., Albury Crandall. Model for Creating Performance-Based Healthcare Designs, Military Health System Workshop at Georgia Tech, January 2010.

**Battisto, D.**, Holmevik, J. and Whisler, B. (panelist) “Cyberinfrastructure in support of Architecture, Arts and Humanities; Focus on Access to Collections, Collaborations and Tools.” Cyberinfrastructure Conference, Clemson, SC, May 19-21, 2008.

**Battisto, D.** (2007). Invitation-only summit entitled “Coming of Age: Innovations to support the aging nurse.” Invited to discuss how the built environment can support the aging nurse by decreasing design-induced problems related safety, task performance, and satisfaction. Center for Integration of Medicine and Innovative Technology (CIMIT), Boston, MA, November 15, 2007.

**Battisto, D.** (2007). Invited expert discussant for Texas A&M's “First Look” Presentation by Roger Ulrich and Xiaobo Quan, November 6, 2007 in Dallas, TX.

**Battisto, D.** Allison, D., Jennings, T. and Whitman, S. and (2007). Patient Room for the Future to be presented in the Exploratorium at Center for Integration of Medicine and Innovative Technology (CIMIT), Boston, MA, November 14, 2007.

**Battisto, D.** Allison, D., Jennings, T and Whitman, S. (2007). Patient Room for the Future. Telemedicine and Advanced Technology (TATRC) and American Telemedicine Association (ATA). Army Telemedicine Partnerships in 2007: “Meeting Medical Challenges in a Changing World” Topic: Hospital of the Future. Nashville, TN, May 12, 2007.

**Battisto, D.** (2007). Exploring technologies in the Patient Room for the Future to Intel® Corporation. Pelham, SC, June 2007.

**Battisto, D.** and Pak, R. (2007). Patient Room for the Future Research Agenda to Colonel Hon Pak and Telemedicine and Advanced Technology (TATRC). Pelham, SC, June 2007.

**Battisto, D.** (2006). Nature and Rate of Change in Clinical Laboratories (2006). Health Design Symposium. 2007 Environmental Design Research Association, Atlanta, GA, May 3 – 7th, 2006.

**Battisto, D.** and Voelkl, J. (2005). A Family Model of Care. The SC Eden CARES Coalition 8<sup>th</sup> Annual Conference. Columbia, SC, September 28, 2005.

**Battisto, D.** and Allison, D., (2005). An Integrated Design and Research Framework for a Green Community Health Clinic. Design Health Diversity, Washington State University, Spokane, WA, October 17-20, 2005.

**Battisto, D.**, Vittori, G. and Hewitt, R. (2004). An Evolving Research Agenda for Green and Healthy Hospitals. Presentation to the Pebble Project Group for the Center for Health Design, Healthcare Design 04, Houston, Texas, November 2004.

Allison, D., Oka, Y., Garvey, T. and **Battisto, D.** (2004). An Acuity-Adaptable Patient Room Prototype. Global University Programs in Healthcare Architecture (GUPHA) Forum (with Architecture + Health students: Cathey, E., Keen, C., Kosage, R., Radcliff, S., Schwartz, L.). Ottawa, Canada, January 2004.

Allison, D., Oka, Y., Garvey, T. and **Battisto, D.** (2003). An Acuity-Adaptable Patient Room Prototype. Therapeutic Forum. (with Architecture + Health students: Cathey, E., Keen, C., Kosage, R., Radcliff, S., Schwartz, L.). American Institute of Architects Academy of Architecture for Health National Fall Conference, Denver, CO, October, 2003.

**Battisto, D.** (2002). Design-Based Research Project: The Clinical Learning and Research Center, Invited to present at a workshop at the 15<sup>th</sup> Annual Symposium on Healthcare Design, Chicago, IL, October 2002.

**Battisto, D.** (2001). Life-Cycle Housing. Staying Put Conference, April 2001, Keowee Key, South Carolina.

**Battisto, D.**, (1998). Elderly Healthcare Delivery Systems and Settings. Seminar, Architecture + Health at Clemson University, February 1998, Clemson, SC.

#### **Other:**

**Battisto, D.** A+H Research Update. Third Annual Southeast Atlantic Regional (SAR) Architecture + Health Conference, Clemson University, SC May 2012.

**Battisto, D.** (2011). Seeking Innovation in Health Facility Design. The Pathway of Clemson University / NXT. Presented to leaders from Department of Defense, TriCare Management Activity, Veterans Affairs and Noblis. June 2011.

**Battisto, D.** (2011). Health Facility Design and Research at Clemson University. Presented to founder of WebMD and HCA leadership. June 2011.

**Battisto, D.** A+H Research Update. Second Annual Southeast Regional Architecture + Health Conference, Clemson University, SC May 2011.

**Battisto, D.** Health Facilities Design and Research at Clemson University. Presented to leaders from Microban. February 2011.

**Battisto, D.** A+H Research Update. First Annual Southeast Regional Architecture + Health Conference, Clemson University, SC May 2010.

**Battisto, D.** and Albury S. Post Occupancy Evaluation. Nursing Research Day. Greenville Hospital System, October 2010.

Allison, D., and **Battisto, D.** (2005). Conceptualizing a Surgical Suite Prototype: Clemson's Role. Presented to the Executive Committees of Berchtold Corporation and Spartanburg Regional Health System.

**Battisto, D.** and Voelkl, J., (2005). A Family Model of Care. Presented to the Leadership team at Roger Huntington Nursing Homes, Greer, SC.

Voelkl, J., and **Battisto, D.** (2005). Shifting from a Medical Model to a Social Model for Long Term Care. Presented to the Leadership team at White Oak Estates, Spartanburg, SC.

Voelkl, J., **Battisto, D.**, Carson, J., (2004). A Family Model of Care. Presented to the Leadership team Mariner's Nursing Home, Seneca, SC.

Allison, D., and **Battisto, D.** (2004). Prototyping Opportunities: Overview of Architecture + Health Program at Clemson. Presented to the Executive Committee of the Medical University of South Carolina (MUSC), and Berchtold Corporation, Charleston, SC.

**Battisto, D.** (2004). Architecture + Health: Opportunities for the Clinical Learning and Research Center (CLRC). Presented to Herman Miller, Easley Baptist, and AnMed Health, Anderson, SC.

Allison, D. and **Battisto, D.** (2004). Architecture + Health: Opportunities for Clinical Learning and Research Center (CLRC). Presentation to the Executive Committee of Palmetto Health System, Clemson SC.

**Battisto, D. and** Allison, D. (2003). Architecture + Health: Opportunities for the Clinical Learning and Research Center (CLRC). Presentation to an executive committee from Hill Rom, Clemson, SC.

**Battisto, D.** and Carson, J. (2003). Educational Model for Improving Learning and Design, Teaching and Education Seminar, Department of Parks, Recreation and Tourism Management, Clemson, SC.

**Battisto, D.** (2003). Architecture + Health. Nutritional Discovery Work Session, Clemson University.

Kline, H. and **Battisto, D.** (2002). Arts + Healing: Therapeutic Patient-Centered Environments, Presentation to the Executive Committee at Anderson Area Medical Center, Anderson, SC, September 2002.

Allison, D., **Battisto, D.** Oka, Y. and Logan, B. (2002). Vision for a Clinical Learning and Research Center (CLRC). Presentation for Executive Committee at Greenville Health System, Greenville, SC, May 2002.

**Battisto, D.,** Allison, D. and Oka, Y. (2002). Collaborative Opportunities with Clemson's Architecture + Health Program. Presentation to an Executive Committee of Hill-Rom., Clemson, SC, June 2002.

**Battisto, D.** (1992). A New Perspective: Living in Scandinavia, Workshop at the Eddy Foundation, August 1992, Troy, New York.

## PROFESSIONAL ORGANIZATION MEMBERSHIPS AND AFFILIATIONS

- American Institute of Architects (AIA) Associate Member (2000-2015)
- Environmental Design Research Association (EDRA)
- Gerontological Society of America (GSA) (2001-2009)
- U.S. Green Building Council (USGBC)
- Global Universities Program for Healthcare Associations (GUPHA)

## SERVICE

### National Service:

- 2010 - Present     **Committee Member**  
Academy of Architecture for Health & Academy of Architecture for Health Foundation Stakeholders Committee
- 2006 - Present     **Reviewer of Papers**  
Health Environments Research and Design Journal  
<<http://www.herdjournal.com/ME2/Default.asp>>
- 2006 - Present     **Reviewer of Conference Abstracts**  
Environmental Design Research Association <<http://www.edra.org/>>
- 2011 - 2013     **Advisor**  
Center for Health Design <<http://www.healthdesign.org/>>  
Serve as an advisor for a research project the Center has to develop a Post Occupancy Evaluation Program for Safety Net Primary Care Centers
- 2012     **Juror for National Design Competition**  
National Healthcare Design Competition sponsored by the Center for Health Design
- 2006 - 2012     **Board Member**  
Academy of Architecture for Health Foundation <<http://aahfoundation.org/>>
- 2006 - 2012     **Chair, Research Grants Program**

- Academy of Architecture for Health Foundation <<http://aahfoundation.org/grants.shtml>>
- 2006 - 2007 **Reviewer of Papers**  
Environment and Behavior - Healthcare Issue<<http://eab.sagepub.com/>>
- 2005 - 2006 **Reviewer of Papers**  
Environmental Building News <<http://www.buildinggreen.com/>>
- 2005 **Reviewer of Abstracts**  
Association of College Schools of Architecture (ACSA) Southeast Regional Conference  
<<http://www.acsa-arch.org/>>
- 2004 **Invited Speaker**  
Center for Health Design <<http://www.healthdesign.org/>>  
Presentation to the Board of the Center and the Pebble Partners on the topic of "An Evolving Research Agenda for Green and Healthy Hospitals."
- 2003 - 2004 **Research Support**  
Organization: Coalition for Health Environments Research <<http://www.cheresearch.org/>>  
Participate in the Research Council as needed, review request for proposal (RFPs), assist with writing RFPs, marketing and development.

### Service at Clemson University:

- 2016 - 2017 **Graduate Studio Sub-Committee Member for NAAB Accreditation Preparations**,  
School of Architecture
- 2016 - 2017 **Sabbatical Committee Member**, School of Architecture
- 2016 - 2017 **Jury Member**, Clemson Advancement Foundation (CAF) Prize
- 2016 - 2017 **Committee Member**, Post Tenure Review Committee
- 2016 - 2017 **Research Support**, Conducted online survey to assess housing preferences among students at the Clemson Design Center in Charleston.
- 2015 - 2016 **Research Support**, Conducted online alumni survey for School of Architecture
- 2015 - 2016 **Committee Member**, College of Architecture, Arts and Humanities Research Committee
- 2015 - 2016 **Committee Member**, Faculty Search Committee (Two positions)
- 2014 - 2015 **Committee Member**, Faculty Search Committee (Endowed Chair in Health Architecture + Health)
- 2013 - 2014 **Committee Member**, Faculty Search Committee (Three positions)
- 2010 - Present **Advisor**, Contributor to the Annual South Atlantic Regional Architecture for Health Conference held at Clemson University.
- 2006 - Present **Coordinator**, Built Environment + Health Concentration in the Planning, Design and Built Environment PhD Program in the College of AAH
- 2012 - 2013 **Task Force Member**, School of Architecture Centennial, Architecture + Health Program Highlights and Exhibit
- 2010 - 2013 **Committee Member**, Online Education Committee
- 2012 - 2013 **Committee Member**, Graduate Admissions Committee for School of Architecture
- 2012 **Faculty Representative**, Clemson University Research Administration System (CU-RAS)
- 2012 **Committee Member**, Review of the Chair of School of Architecture
- 2007 - 2011 **Committee Member**, Curriculum Committee for the School of Architecture
- 2006 - 2011 **Committee Member**, Facilities and Technology Committee, School of Architecture

- 2008 - 2010 **Chair**, Curriculum Committee for the School of Architecture
- 2006 - 2007 **Committee Member**, Research Committee in the College of Architecture, Arts & Humanities
- 2006 - 2007 **Task Force Member**, Center for Visual Arts
- 2004 - 2007 **Task Force Member**, Study for a new facility for the Sullivan Center, Clemson, SC  
A collaborative project between Clemson University and the City of Clemson to design a green health clinic. Responsible for grant writing, planning, programming, conceptual design and overall project management
- 2001 - 2007 **Task Force Member**, Clinical Learning and Research Center for School of Nursing  
On the leadership team responsible for the visioning for the Clinical Learning and Research Center (CLRC) to replace the existing skills lab for the School of Nursing
- 2005 - 2006 **Committee Member**, Faculty Search Committee (Architecture + Health position)
- 2003 - 2006 **Task Force Member**, Development of a new interdisciplinary Ph.D. Program in Environmental Design.
- 2004 - 2005 **Committee Member**, Chair Search and Screening Committee (Chair position)  
College of Architecture, Arts and Humanities
- 2001 - 2005 **Committee Member**, Curriculum Committee for the School of Architecture
- 2003 **Committee Member**, Review of the Chair of Architecture
- 2002 - 2003 **Chair**, Faculty Search Committee, School of Architecture (Two positions)
- 2002 **Jury Member**, University Research Forum
- 2000 - 2002 **Committee Member**, Educational Support Committee for Southern Association of Colleges and Schools (SACS)

### Community Service:

- 2013 - 2014 **Advisor, Design and Research Support**  
Organization: Greenville Health Systems' Center for Success in Aging  
Service learning project (ARCH 688) that involves developing a vision for a village prototype for successful aging that integrates housing and services for frail elders who are also financially disadvantaged
- 2012 - 2013 **Advisor, Design and Research Support**  
Organization: Urology Center of Spartanburg, SC  
Service learning project (ARCH 688) that involved the following key activities: an assessment of the existing Center, developing a programming and exploring schematic design scenarios for redesigning the outdated Center
- 2010 - 2012 **Environmental Assessment Support**  
Organization: Spartanburg Regional Health System, SC  
Conducted an environmental assessment of one inpatient unit at Village Hospital at Pelham; submitted a report and gave presentation to administration
- 2010 - 2012 **Environmental Assessment Support**  
Organization: Spartanburg Regional Health System, SC  
Conducted an environmental assessment of one inpatient unit at Spartanburg Regional Medical Center; submitted a report and gave presentation to administration
- 2010 - 2012 **Environmental Assessment Support**  
Organization: Greenville Health System, SC  
Conducted an environmental assessment of one inpatient unit at Patewood Medical Center; submitted a report and gave presentation to administration



- 2010 - 2012 **Environmental Assessment Support**  
 Organization: Greenville Health System, SC  
 Conducted an environmental assessment of one inpatient unit at Greer Memorial Hospital; submitted a report and gave presentation to administration
- 2010 - 2012 **Environmental Assessment Support**  
 Organization: Spartanburg Regional Health System's Primary Care Physician's Network, SC  
 Conducted an environmental assessment of the Village Family Practice Clinic; submitted a report and gave presentation to administration
- 2010 - 2011 **Advisor, Design and Research Support**  
 Organization: Ronald McDonald Foundation of Latin America, Buenos Aires, Argentina  
 Service learning project (ARCH 688) to assist with planning, programming and studying schematic designs for a new Ronald McDonald House Prototype for Latin America.
- 2007 - 2011 **Advisor, Design and Research Support**  
 Organization: Spartanburg Regional Health System's Primary Care Physician's Network, SC  
 Service learning project initially (ARCH 688). Then led the visioning, planning, programming, and designing a new prototype for Village Family Medicine Clinic that was built in Greer, SC.
- 2002 - 2010 **Advisor and Research Support**  
 Organization: Spartanburg Regional Health System and NXT  
 Assist with various healthcare design projects, strategic planning, facility planning and programming, Spartanburg, SC.
- 2005 - 2006 **Advisor and Research Support**  
 Organization: Greenville Health System's Roger Huntington Nursing Facility  
 Assist with design-related decisions, grant applications and shifting from a medical model to a family model of care.
- 2003 - 2006 **Educational Support and Research Support**  
 Organization: White Oaks Manor  
 Conducted educational sessions and focus groups to advise administration on the barriers to moving toward a social model of care.
- 2002 **Planning, Programming and Conceptual Design Study**  
 Organization: Department of Public Health, Appalachia District III.  
 Assisted in planning and programming a Health Education Center in Spartanburg, SC.
- 2000 - 2003 **Consultant to the Board of Keowee Cares Inc.**  
 Organization: Consultant to Keowee Cares, Inc.,  
 Advised the organization on how to help residents of the Keowee Key community remain in their homes as they age or cope with disabilities.
- Fall 2000 **Planning, Programming and Conceptual Design Study**  
 Organization: Cannon Memorial Hospital  
 Assisted with the renovation and expansion of their emergency department in Pickens, SC.
- 1992 - 2005 **Master Planning, Programming and Conceptual Design Study**  
 Organization: Evergreen Retirement Community in Oshkosh, Wisconsin.  
 Assisted with the design of the Health Center for nursing home residents and have assisted them as needed.