

## EDUCATION

- 2011-2014**    **Ph.D.** Interdisciplinary Individual Doctorate Program (IIDP)  
*Architecture, Education & Design*  
Washington State University, Pullman, WA  
Dissertation Title: *Occupant Training in High Performance Buildings: An Assessment of Environmental Satisfaction, Learning, and Behaviors in Buildings.*  
Chair: David E. Gunderson, Ph.D.
- 2009-2011**    **MA** Master of Arts in Interior Design  
Washington State University, Spokane, WA  
Thesis Title: *Understanding Controls, Behaviors and Satisfaction in the Daylit Perimeter Office: A Daylight Design Case Study*  
Chair: Judy Theodorson, RA
- 2009**        **MBA** Master of Business Administration in Sustainability  
San Francisco Institute of Architecture, Alameda, CA
- 2007**        **BA** Bachelor of Art, Interior Design; Minor in Construction Management, *Cum Laude*  
Washington State University, Pullman/Spokane, WA

## CURRENT APPOINTMENTS

**KANSAS STATE UNIVERSITY | ASSISTANT PROFESSOR** | College of Human Ecology: Apparel, Textiles & Interior Design | Manhattan, KS — July 2014 - present

**ENERGY, BEHAVIOR, AND THE BUILT ENVIRONMENT LABORATORY (EBBEL)**  
**KANSAS STATE UNIVERSITY | FOUNDER** | Manhattan, KS — July 2014 - present

**ENERGY EFFICIENT PEOPLE, LLC: OWNER, CONSULTANT** | Manhattan, KS — December 2014 - present

## PROFESSIONAL REGISTRATION AND AFFILIATIONS

- NCIDQ** National Council for Interior Design Qualification Certificate #31001  
**LEED** Accredited Professional, Green Building Certification Institute (GBCI) | 2008  
**SBSE** Society of Building Science Educators, Member | 2009-present  
**DESIGN-ED Coalition**, Member | 2015-present  
**IDEC** Interior Design Educators Council, Professional Member | 2015-present  
**Design Research Society**, Member | 2015-present  
**USGBC Idaho**, Member | 2011-2013  
**Callison Architecture** Sustainability Team, Member | 2007-2009  
**IIDA** International Interior Design Association, Student Member | 2010-2013  
**ASID** American Society of Interior Design, Student Member | 2010-2013 & 2005-2007  
**ASID** American Society of Interior Design, Newsletter and Website Chair | 2006-2007  
**ASCM** Associated Students of Construction Management, Student Member | 2005-2007  
**IMFA** International Facility Management Association, Student Member | 2005-2007

## TEACHING EXPERIENCE

### **KANSAS STATE UNIVERSITY | ASSISTANT PROFESSOR | COLLEGE OF HUMAN ECOLOGY: APPAREL, TEXTILES & INTERIOR DESIGN | MANHATTAN, KS – 2014/2015**

#### COURSES TAUGHT:

ID 435 Environmental Control Systems (FA14, FA15)  
ID 245 Studio 2 (freshman interior design studio) (SP15)  
ID 445 Studio 6 & Revit (junior interior design studio) (SP15, SP16)  
ID 545 Studio 7 (senior interior design studio) (FA14)  
ID 499 Independent Study — 3 students in total (FA15, SP16)

### **WASHINGTON STATE UNIVERSITY | INSTRUCTOR | SCHOOL OF DESIGN + CONSTRUCTION | PULLMAN, WA – 2013/2014**

FA 2013 DESIGN 397 3-D Digital Modeling & Building Information Management (Revit)  
ID 425 Interior Design Studio VI

SP 2014 ID 333 Interior Design Studio V  
ID 415 Advanced Interior Construction and Detailing

### **UNIVERSITY OF IDAHO | INTEGRATED DESIGN LAB | BOISE, ID**

SP 2013 Lecturer | Selected Lectures (2) for IDL “Lunch and Learns”: Topics surrounding Daylight Design and Human Factors Research  
Instructor | Daylight Harvesting Control Commissioning and Building Codes

FA 2012 Instructor | Lighting Control Commissioning for Electrical Contractors

### **WASHINGTON STATE UNIVERSITY | SPOKANE, WA**

SP 2011 Instructor | Special Topics: Sustainability and LEED Prep ID 598  
Teaching Assistant/Instructor | Junior Studio ID 333

FA 2011 Teaching Assistant | History of Interiors II ID 350  
Teaching Assistant | Interior Building Systems ID 325

SP 2010 Instructor | Junior Studio ID 333  
Instructor | Graduate Immersion Studio ID 303 (*Summer 2010*)

### **INVITED TEACHING LECTURES**

**2015** K-State IES student chapter | October 20: Daylight Details  
K-State USGBC student chapter | March 10: Preparing for the LEED GA Exam

**2014** K-State USGBC student chapter | October 28: Interior Designers and Integrated Design

**2013** Washington State University, ARCH 472 Environmental Control Systems | October 18:  
Basic Daylighting Design  
Washington State University, ARCH 472 Environmental Control Systems | October 25:  
Daylighting Details  
Washington State University, ID 325 Interior Building Systems | October 28: Digital  
Modeling for Building Systems

**2009** Washington State University, ID 303. Programming and Codes | June 08

## PROFESSIONAL EXPERIENCE

### **ENERGY, BEHAVIOR, AND THE BUILT ENVIRONMENT LABORATORY (EBBEL) KANSAS STATE UNIVERSITY | MANHATTAN, KS – JULY 2014 - PRESENT**

- the purpose of this lab is to engage in interdisciplinary research and outreach surrounding human behaviors and interactions within the built environment, high-performance design strategies (such as daylighting and passive ventilation), and resulting energy use in buildings.
- additional funding for the lab is currently being pursued to purchase equipment and to support undergraduate and graduate students in architecture, interior design, interior architecture, engineering, and / or any other related discipline. In the meantime, students can gain experience in the lab through independent study — students can also participate in current interdisciplinary opportunities, such as the NSF-RCN-SBHE.

**ENERGY EFFICIENT PEOPLE, LLC: OWNER, CONSULTANT | MANHATTAN, KS – DECEMBER 2014 - PRESENT**

- provide consulting services for occupant education and training of high performance building features and energy efficiency strategies in commercial / residential buildings

**INTEGRATED DESIGN LAB I BOISE: TECHNICAL REPORT EDITOR & WRITER  
SEPTEMBER 2013 - APRIL 2015**

- contracted to write and edit technical reports and papers for the Integrated Design Lab I Boise. Topics included energy efficiency, daylighting, design, and market transformation.

**INTEGRATED DESIGN LAB I BOISE: PROGRAM SPECIALIST/PROJECT MANAGER | BOISE, ID  
MAY 2011-AUGUST 2013**

- coordinated and managed energy efficiency outreach and education projects for the building design and construction industry
- project manager for multiple projects under several funding agencies; responsible for managing interns, staff, project budgets and timelines
- analyzed and compiled data for several projects, especially for post occupancy evaluations
- developed a computer program interface for a large daylighting research study using LabView
- conducted daily lighting experiments (June 21-December 21), collected data, managed participants, and worked closely with Lab Director regarding experimental protocols and procedures
- managed the development of high performance building metrics labeling for commercial leasing sheets for Boise brokers and commercial real estate agencies

**BERG PUBLISHING: INTERIORS: EDITORIAL ASSISTANT – JANUARY 2011-2013**

- responsible for managing journal submissions, double blind peer reviews and feedback, and author correspondence and tracking
- worked closely with the publishers and journal editors to compile four issues per year

**INTEGRATED DESIGN LAB I INLAND NORTHWEST : PROJECT MANAGER/RESEARCH ASSISTANT | SPOKANE, WA – 2009 - 2010**

- helped run and manage the Integrated Design Lab | Inland Northwest (*an applied research project partially funded by the Northwest Energy Efficiency Alliance to provide daylighting design education and integrated design support*).
- conducted post occupancy study of a LEED Gold, daylit community college building
- worked with students and professionals to implement daylighting design strategies
- created a healthcare database for healthcare literature and project examples

**CALLISON ARCHITECTURE: INTERIOR DESIGN / ARCHITECTURE STAFF I AND II | SEATTLE, WA – 2007-2009**

- worked directly with the client, design director and design principal on the Cole Haan Factory Store team to establish a new design concept
- completed design work for over 30 Cole Haan First Quality and Cole Haan Factory Stores
- prepared and developed a sustainable gap analysis for WaMu (Washington Mutual) utilizing LEED Commercial Interiors
- trained new Cole Haan team members on construction document procedures and submittal processes
- developed a new system in Microsoft Word for the specification department that cut down both project team and specification writer's time in half
- worked daily with the client, design team, contractors, landlords, city jurisdictions and vendors on various retail projects including: Cole Haan, WaMu, Nike, T-Mobile and Cabela's
- prepared construction documents, submittals, schedules, vendor purchase orders, responded to RFI's, and worked closely with the Callison technical resource team on detailing and specifications

## **INTEGRATED DESIGN LAB | INLAND NORTHWEST: RESEARCH ASSISTANT | SPOKANE, WA – 2006-2007**

- played key role in daylighting / office research study & completed data input and analysis for over (30) office studies

## **DESIGN NORTH: INTERN | PULLMAN, WA – 2006**

- drafted, sketched and rendered drawings for commercial projects in Idaho, Washington and Montana
- worked closely with lead designer on a non-profit children's museum in Pullman, WA

## **RESEARCH FOCUS**

*My primary research focus is centered around energy use, building design, and occupant behaviors. These factors are studied through an interdisciplinary perspective — rooted in building science, architecture, education, and human behavior — bridging the gap between natural science and social science. Subtopics of my research include the following:*

- occupant behaviors, energy use implications + sustainable outcomes
- energy + IEQ (indoor environmental quality) + environmental satisfaction
- occupant education + training strategies in high performance buildings
- daylighting & passive design strategies + energy efficiency
- parallels between the design process + the learning process

## **AWARDED FUNDING, GRANTS & CONTRACTS**

### **EXTERNAL COMPETITIVE AWARDS**

**Day, J.** (25%), Eckels, S. (25%), Kim, J. (25%), & Manzo, C. (25%). (2015). Net Zero Energy Air Filtration: Innovative Filter Media Applications for Improved Indoor Air Quality and Energy Efficiency. Environmental Protection Agency (EPA) P3, \$14,997.

### **EXTERNAL COMPETITIVE CONTRACTS**

**Day, J.** (2016). Shading / windows study & IEQ workshop coordination. NSF I/UCRC (Industry & University Cooperative Research Program) for Sustainably Integrated Buildings and Sites (SIBS) Center — subcontract from University of North Carolina - Charlotte, \$38,158

Van Den Wymelenberg, K.G, **Day, J.**, & Acker, B. (2013). Advanced Energy Efficiency (three year contract). Idaho Power Company, \$1,117,500.

Van Den Wymelenberg, K.G, & **Day, J.** (2013). 2013 Kilowatt Crackdown | Boise. JDM Associates, \$53,250.

Van Den Wymelenberg, K.G, & **Day, J.** (2013). BMG Lighting and Control System. Britt/Makela Group, Inc., \$5,571.82.

### **INTERNAL COMPETITIVE GRANTS RECEIVED**

**Day, J.** (2015). K-State Faculty Development Award (FDA): Funding to attend the 3rd Expert Meeting of the International Energy Agency (IEA) Energy in Buildings and Communities Program (EBC) Symposium: Annex 66 & NSF workshop, Vienna AU 2016, \$2709.62 (requested funds from FDA), ATID finds: \$700, total funds received: \$3,409.62

**Day, J.** (2014). ADLS speaker award: Lisa Hescong. : ADVANCE Distinguished Lecture Series (ADLS), sponsored by the Office for the Advancement of Women in Science and Engineering (KAWSE), \$1,200.

### **TRAVEL FUNDING RECEIVED**

**\$750** Travel Stipend to meet with the Department of Energy Sunshot working group — funded by American Academy of Arts & Sciences (U.S. Department of Energy), December 2015

**\$900** Knoxville, TN - funded by National Science Foundation (NSF) Research Coordination Network (RCN) on Sustainable Human-Building Ecosystems (SHBE), November 2015

- \$600** Pittsburgh, PA - funded by National Science Foundation (NSF) Research Coordination Network (RCN) on Sustainable Human-Building Ecosystems (SHBE), October 2015
- \$2600** Portland, OR - funded by Energy Trust of Oregon, August 2015
- \$700** Knoxville, TN - funded by National Science Foundation (NSF) Research Coordination Network (RCN) on Sustainable Human-Building Ecosystems (SHBE), August 2015
- \$900** Berkeley, CA - funded by National Science Foundation (NSF) Research Coordination Network (RCN) on Sustainable Human-Building Ecosystems (SHBE), March 2015

## KEYNOTES & INVITED LECTURES

### 2015

- Day, J.** (2015, August 06). *Occupant Cx: Learning from Occupants to Improve Building Designs*. Energy Trust of Oregon | Portland, OR | 2.5 hour training. 184 attendees. <http://energytrust.org/trade-ally/updates-and-events/calendar/event-detail.aspx?eventid=1758&eventdateid=7131>
- Day, J.** (2015, April 02). Barriers to high-performance behaviors in high-performance buildings: a case study. National Science Foundation (NSF) Research Coordination Network (RCN) in Science, Engineering and Education for Sustainability (SEES) Workshop: Human Behavior & Building Energy Model Integration and Validation, Berkeley, CA. Invited presentation.
- Day, J.** (2015, April 01). Barriers to energy efficient behaviors in high-performance office buildings. UC Berkeley, Center for the Built Environment (CBE). Berkeley, CA. Invited Presentation.
- Day, J.** (2015, March 30). Occupant education & energy efficiency: a case study of high-performance buildings. International Energy Agency/Energy in Buildings and Communities Programme/Annex 66: First expert meeting, Lawrence Berkeley National Laboratory: Berkeley, CA. Invited presentation.

## PUBLICATIONS & PRESENTATIONS

### PEER-REVIEWED ARTICLES

- Day, J.** & Gunderson, D.E. (2014). Understanding high performance buildings: The link between occupant knowledge of passive design systems, corresponding behaviors, occupant comfort and environmental satisfaction. *Building and Environment*, 84, 114–124. doi:10.1016/j.buildenv.2014.11.003
- Day, J.**, Theodorson, J., & Van Den Wymelenberg, K. (2012). Understanding Controls, Behaviors and Satisfaction in the Daylit Perimeter Office: A Daylight Design Case Study. *Journal of Interior Design*, 37(1), 17-34.

### PEER-REVIEWED PROCEEDINGS / PAPERS / ABSTRACTS

- Day, J. & Heschong, L.** (2016, August). Understanding Behavior Potential: the Role of Building Interfaces. 2016 ACEEE Summer Study on Energy Efficiency in Buildings. Pacific Grove, CA. Paper accepted for presentation in Panel Number 8: Capturing Savings through Behavior. (*forthcoming*)
- Day, J.** (2016, March). Snuggies at work: Case study examples of thermal [dis]comfort, behaviors, and environmental satisfaction in the workplace. Interior design educators council (IDEC) annual conference, Portland, OR. Abstract accepted for presentation. (*forthcoming*)
- Day, J.** (2016, March). Pecha Kucha Presentation: Why We Teach: Interior Design Matters. Interior design educators council (IDEC) annual conference, Portland, OR. Abstract accepted for presentation. (*forthcoming*)
- Day, J.** (2015, December 1). *Untapped Savings: Occupant Behaviors*. Department of Defense (DOD), Defense Innovation Summit. Austin, TX. Abstract/poster accepted for presentation.
- Day, J.** (2015, October). *Occupant Behaviors, Energy Use, and Education: Creating high performance people for high performance buildings*. The First International Symposium on Sustainable Human-Building Ecosystems (ISSHBE). Carnegie Mellon University Pittsburgh, PA. Paper accepted for presentation.
- Day, J.** (2015, June). LearnxDesign 3rd International Conference. Chicago, IL (28-30 June). *High performance building pedagogy*. Paper accepted for presentation.
- Day, J., & Orthel, B** (2015, June). LearnxDesign 3rd International Conference. Chicago, IL (28-30 June). *Processing through drawing: a case study of student ideation*. Paper accepted for presentation.
- Day, J.** (2015, March). Barriers to energy efficient behaviors in high performance office buildings. Interior design educators council (IDEC) annual conference, Dallas, TX. Abstract accepted for presentation.

- Day, J.,** & Orthel, B. (2015, March). Detailing Design Thinking. Interior design educators council (IDEC) annual conference, Dallas, TX. Abstract accepted for presentation.
- Orthel, B., & **Day, J.** (2014, October). Detailing Design Thinking. Interior design educators council (IDEC) Midwest Regional 2014 conference, Manhattan, KS. Abstract accepted for presentation.
- Day, J.** (2014, March). Occupant education for energy efficiency: An interdisciplinary perspective. Interior design educators council (IDEC) annual conference, New Orleans, LA. (abstract accepted and published, but unable to present)
- Theodorson, J. & **Day, J.** (2011). *Effectiveness of Dynamic Daylighting. Post Occupancy Evaluation of a Higher Ed Building.* Proceedings of PLEA 2011, Louvain-la-Neuve, Belgium (July 2011). Abstract and Paper accepted for presentation.
- Theodorson, J. & **Day, J.** (2010). Occupant perceptions of daylit classrooms: A comparison of north and south orientation. Interior design educators council (IDEC) annual conference, Atlanta, GA.

#### **PROCEEDINGS / ABSTRACTS (NOT PEER-REVIEWED)**

- Day, J.** & Gunderson, D. (2014, February). Reducing energy use in high performance buildings through teaching. Washington State University Wiley Research Exposition, Pullman, WA.
- Gladics, G.R., **Day, J.** & Van Den Wymelenberg, K.G. (2012). Retro-Zero: The Cost of Carbon Neutral Existing Buildings. In Western Energy Policy Research Conference. Boise, ID
- Day, J.** & Theodorson, J. (2010). Layers of Light: A Field Study of Dynamic Daylighting Systems and Daylight Variability in Classrooms: Spokane Falls Community College, sn-w'ey'-mn Building. Proceedings from ASES Conference. Phoenix, AZ.

#### **E-MAGAZINE/NEWSLETTER ARTICLES**

- Day, J.** (2013). Occupant access to interior daylight controls. Energy Center of Wisconsin. Enlighten Newsletter, 6(1). February, 2013.

#### **PRESENTATIONS**

- Day, J. & Heschong, L.** (2016, August). Understanding Behavior Potential: the Role of Building Interfaces. 2016 ACEEE Summer Study on Energy Efficiency in Buildings. Pacific Grove, CA. Paper accepted for presentation in Panel Number 8: Capturing Savings through Behavior. (*forthcoming*)
- Day, J.** (2016, March). Snuggies at work: Case study examples of thermal [dis]comfort, behaviors, and environmental satisfaction in the workplace. Interior design educators council (IDEC) annual conference, Portland, OR. Abstract accepted for presentation. (*forthcoming*)
- Day, J.** (2016, March). Pecha Kucha Presentation: Why We Teach: Interior Design Matters. Interior design educators council (IDEC) annual conference, Portland, OR. Abstract accepted for presentation. (*forthcoming*)
- Day, J.** (2015, October). Occupant Behaviors, Energy Use, and Education: Creating high performance people for high performance buildings. The First International Symposium on Sustainable Human-Building Ecosystems (ISSHBE). Carnegie Mellon University Pittsburgh, PA. Paper accepted for presentation.
- Day, J.** (2015, June 28). High performance building pedagogy. LearnxDesign 3rd International Conference. Chicago, IL (28-30 June). Paper accepted for presentation.
- Day, J.,** & Orthel, B. (2015, June 30). Processing through drawing: a case study of student ideation. LearnxDesign 3rd International Conference. Chicago, IL (28-30 June). Paper accepted for presentation.
- Day, J.** (2015, March). Barriers to energy efficient behaviors in high performance office buildings. Interior design educators council (IDEC) annual conference, Dallas, TX. Abstract accepted for presentation.
- Day, J.,** & Orthel, B. (2015, March). Detailing Design Thinking. Interior design educators council (IDEC) annual conference, Dallas, TX. Abstract accepted for presentation.
- Orthel, B., & **Day, J.** (2014, October). Detailing Design Thinking. Interior design educators council (IDEC) Midwest Regional 2014 conference, Manhattan, KS.
- Day, J.** (2014, March). Occupant education for energy efficiency: An interdisciplinary perspective. Interior design educators council (IDEC) annual conference, New Orleans, LA. (abstract accepted, but unable to present)
- Day, J.,** & Gunderson, D. (2014, February). Reducing energy use in high performance buildings through teaching. Washington State University Wiley Research Exposition, Pullman, WA.

- Day, J.** & Theodorson, J. (2011). A Case Study of Interior Daylighting Controls and the Occupant: An Investigation of Behavior and Satisfaction. Design for a Small Planet Symposium. Denver, CO. Abstract accepted for poster presentation.
- Day, J.** & Theodorson, J. (2011). A Design Exposé: A Closer Look at Daylight in Offices. WSU Academic Showcase. Pullman, WA. Abstract accepted for poster presentation.
- Day, J.** & Theodorson, J. (2011). A Design Exposé: A Closer Look at Daylight in Offices. Inland Northwest Research Symposium. Spokane, WA. Abstract accepted for poster presentation.
- Theodorson, J. & **Day, J.** (2011). Daylighting Performance in a Higher Ed Building. WSU Academic Showcase. Pullman, WA. Abstract accepted for poster presentation.
- Theodorson, J. & **Day, J.** (2010). Occupant perceptions of daylit classrooms: A comparison of north and south orientation. Interior design educators council (IDEC) annual conference, Atlanta, GA.

## TECHNICAL REPORTS

- Leichliter, K, **Day, J.**, & Mahic, A. (2013). Building Metrics Labeling Project, Year End Report. Integrated Design Lab, University of Idaho, Boise, ID.
- Day, J.**, Duarte, C., & Van Den Wymelenberg, K., (2013). Targeted EMS Toolset for Comfort and Energy Savings - LDRD, Post Occupancy Evaluation; Summary Report 201301022-01, Integrated Design Lab, University of Idaho, Boise, ID.
- Day, J.** (2012). Energy and Environmental Quality Labeling Metrics; Technical Report No. 20110413-01. Integrated Design Lab, University of Idaho, Boise, ID.
- Day, J.**, Bedke, M. & Gladics, G. (2012). Multifamily Incentives, Literature Review. Report No. 120748-01, Integrated Design Lab, University of Idaho, Boise, ID.
- Day, J.**, & Van Den Wymelenberg, K. G. (2012). Diffusion of Innovation, Market Transformation, and Energy Efficiency Evaluation (No. 20120313-01) Integrated Design Lab, University of Idaho, Boise, ID.
- Baker, K., Britt, M., **Day, J.**, Hemley, L., Makela, E., & Rice, F. (2012). Code and Best Practices Lighting and Control Installation Guidance.
- Day, J.**, Duarte, C., Van Den Wymelenberg, K. (2012). Daylight Harvesting Lighting Controls Demonstration Suite (Summary Report No. 110031-01), Integrated Design Lab, University of Idaho, Boise, ID.

## SERVICE CONTRIBUTIONS

### PROFESSIONAL SERVICE

- 2015 - present** Reviewer, *Passive and Low Energy Architecture (PLEA)*, (reviewed 5 abstracts)  
 Reviewer, *Building and Environment*, (reviewed 5 manuscripts)  
 Reviewer, *NSF-RCN-SEES-SHBE 2015* (reviewed 3 papers)  
 Invited Steering Committee Member, American Society of Mechanical Engineers (ASME) — NSF-RCN-SEES-SHBE
- 2014 - present** Invited Member, IEA (International Energy Agency) Energy in Buildings and Communities Programme (EBC) Annex 66: *an international effort to define and simulate occupant behavior in buildings.*
- Member of Sub-Task A: Occupant movement and presence models in buildings
  - Member of Sub-Task B: Occupant action models in residential buildings
  - Member of Sub-Task E: Applications in building design and operations
  - Invited lead author: *Chapter 8: Occupant Survey Approaches in the Guidelines for Occupant Monitoring*
  - Invited co-author: *Chapter 10: Ethical considerations in the Guidelines for Occupant Monitoring*
  - Invited co-author: *Chapter 6: In-situ Monitoring Approaches in the Guidelines for Occupant Monitoring*
- Invited Corresponding Member, ASHRAE Technical Committee 7.3 (Operations and Maintenance Management) / Education and Training Sub-committee  
 Invited Member, ASME National Science Foundation (NSF) Research Coordination Network (RCN) on Sustainable Human-Building Ecosystems (SHBE).

- Member of Theme VI: Collaboration in Education;
- Member of Theme V: model integration and validation, and
- Member of Theme II: Human Behavior.

**2011-2013** Berg Publishing: *Interiors: Design, Architecture, Culture* | Editorial Assistant  
**2008** Volunteer, GreenBuild | Boston  
**2006** Volunteer, GreenBuild | Denver

#### UNIVERSITY SERVICE

**2015** Kansas State University Summer Academy in Sustainable BioEnergy REU, invited poster judge, 30 July, 2015  
 Kansas State University 2015 Energy Symposium on 8-9 April, 2015, invited poster judge  
**2015 - 2016** KSBN Book Selection Committee  
**2015 - present** USGBC Student Chapter Faculty Advisor

#### COLLEGE SERVICE

**2015 - present** College of Human Ecology Alumni Advisory Board Meeting research presentation: May 1. Nominated as KSU Faculty Council Chair-Elect, 2014-2016  
**2014 - present** KSU Faculty Council Committee Member, 2014-2016  
 KSU Nominated as graduate faculty member, 2014-2015  
**2014** WSU School of Design and Construction: Student Portfolio Competition Committee Member

#### DEPARTMENTAL SERVICE

**2015 - 2016** KSU Awards Nomination Committee, Chair  
**2014 - 2015** KSU Awards Nomination Committee, Member  
 Mentor to 19 students in Interior Design Program, 2014-2016  
**2014 - 2015** KSU Justin Hall 327 Re-Design Team Member and Student Mentor, 2014  
 KSU College of Human Ecology Technology committee member, 2014-2015  
**2013** WSU School of Design and Construction: Student Portfolio Competition Committee Member  
 WSU School of Design and Construction: Spring Parametric Design Workshop Committee Member  
 WSU School of Design and Construction: Student Competition | First Floor Carpenter Re-design: Co-Founder and Committee member  
**2011** Co-facilitator WSU IDI charrette planning committee for Fall 2011  
**2010** Member, WSU IDI charrette planning committee for Fall 2010

#### GRADUATE COMMITTEE ADVISING

**2015** Served on graduate committee. **Collin Wheeler, M.S. Architectural Engineering** (with an emphasis in lighting design)

#### QUOTED, CITED, AND INTERVIEWED IN PUBLICATIONS OR MEDIA

##### 2014-2015 : SELECTED MEDIA COVERAGE

Washington State University News: "Missing ingredient in energy-efficient buildings: People" (2014, December 2). Retrieved from <https://news.wsu.edu/2014/12/02/missing-ingredient-in-energy-efficient-buildings-people/#.VH4K1mTF8tF> \*\*

*\*\*A press release was issued for this story, and it was **picked up, cited or quoted in an additional 100+** online newspapers or websites — both national and international.*

#### CITED PUBLICATIONS

**Day, J.** & Gunderson, D.E. (2014). Understanding high performance buildings: The link between occupant knowledge of passive design systems, corresponding behaviors, occupant comfort and environmental satisfaction. *Building and Environment*, 84, 114–124. doi:10.1016/j.buildenv.2014.11.003. **(cited by 12)**



**Day, J.,** Theodorson, J., & Van Den Wymelenberg, K. (2012). Understanding Controls, Behaviors and Satisfaction in the Daylit Perimeter Office: A Daylight Design Case Study. *Journal of Interior Design*, 37(1), 17-34. **(cited by 11)**

Theodorson, J. & **Day, J.** (2011). Effectiveness of Dynamic Daylighting. Post Occupancy Evaluation of a Higher Ed Building. Proceedings of PLEA 2011, Louvain-la-Neuve, Belgium (July 2011). Abstract and Paper accepted for presentation. **(cited by 3)**

## SCHOLARSHIPS, HONORS AND AWARDS

- 2015** **Finalist for Best Presentation: Scholarship of Design Research**, Interior Design Educators Council Conference: *Barriers to Energy Efficient Behaviors in High-Performance Buildings*, Fort Worth, TX  
Received Travel Stipend to Speak at NSF-RCN-SEES SHBE Workshop
- 2010-2011** Received ASWSU Travel Grant (\$450)  
Awarded WSU Teaching Assistantship 2010-2011 (\$22,135)  
President's Honor Roll for 4 consecutive semesters (graduate)
- 2009-2010** Awarded WSU Teaching Assistantship 2009-2010 (\$22,135)  
Received Alberta Hill Academic Excellence Award (\$700)  
Received Margaret M Hard Research Award (\$435)  
Received ASWSU Travel Grant (\$450)
- 2008** First Place | Chain Store Age 2008 Retail Store of the Year Design Competition | *Worked on the Cole Haan Factory Store Design Team*  
Chosen to attend the GreenBuild Conference for Callison Architecture  
Chosen to attend the Invision Carpet Tour in Atlanta, GA for Callison Architecture
- 2007** Received full scholarship to attend USGBC9 GreenBuild Conference, Denver.  
The first Interior Design student at WSU to receive a Construction Mgmt. minor
- 2004-2007** President's Honor Roll for 7 consecutive semesters (undergraduate)
- 2004** University Achievement Award (\$5,000)

## STUDENT AWARDS *(won by students under my direction)*

### National Design Competitions

- 2014** **Steelcase NEXT Competition**, Honorable Mention (within top 10 out of 800 submissions), Foster Kutner *(Note: Co-taught course with Hyung Chan Kim)*

## SELECTED RESEARCH EXPERIENCE

- 2011-2014** Dissertation: *Occupant training in high performance buildings: An assessment of environmental satisfaction, learning and behaviors in buildings.*
- 2013** Integrated Design Lab | Boise: Conducted Post Occupancy Evaluation surrounding thermal and visual comfort to help inform a wireless anomaly detection algorithm for Energy Management System (EMS) programming.
- 2011** Integrated Design Lab | Boise: participated in luminance level preference research: electric light and daylight
- 2009-2011** Thesis Research: Studied occupant behavioral patterns surrounding daylight in an academic building.  
Integrated Design Lab | Spokane: Spokane Falls Community College: sn-w'ey'-mn Building: Studied occupant behaviors and perceptions to an automated blind system and double ventilated facade daylighting strategy.
- 2009** Integrated Design Lab: Daylighting & Schools Post Occupancy Study: studied daylight variability in a higher education building that utilized an advanced daylighting system (Warema automated blinds)  
Integrated Design Lab: Daylighting & Schools Post Occupancy Study: investigated occupant perceptions & daylight in elementary schools
- 2006-2007** Integrated Design Lab: Perimeter Daylight Office Study: analyzed data collected in office study surrounding light and user behaviors in office buildings

## SELECTED CONFERENCES & WORKSHOPS ATTENDED

- 2016** *forthcoming*
- 2015** Department of Energy (DOE) Sunshot working group workshop. Washington DC (3-4 December)  
Department of Defense (DoD) Energy defense summit. Austin, TX (1-3 December)  
The First International Symposium on Sustainable Human-Building Ecosystems (ISSHBE). Carnegie Mellon University Pittsburgh, PA (7-8 October).  
LearnxDesign 3rd International Conference. Chicago, IL (28-30 June).  
K-State 2015 Energy Symposium. The Center for Sustainable Energy, Manhattan, KS. (08 April).  
National Science Foundation (NSF) Research Coordination Network (RCN) Workshop. Berkeley, CA. (02 April - 03 April).  
International Energy Agency (IEA) Energy in Buildings Community (EBC) Annex 66, International Forum and Expert meeting @ LBNL Berkeley (30 March - 01 April).  
Interior Design Educators Council National Conference. Dallas, TX (11-14 March).
- 2014** Interior Design Educators Council Midwest Conference. Manhattan, KS (16-18 October).
- 2011** Inland Northwest Research Symposium. Spokane, WA (8 April)  
WSU Academic Showcase. Pullman, WA (25 March)  
ERID (Environmentally Responsible Interior Design) Design for a Small Planet Symposium. Denver, CO (15 March)  
IDEC 2011 (Interior Design Educators Council) Denver, CO (16-19 March)
- 2010** Design Research Conference: Designing Health. Spokane, WA  
ASES 2010 (American Solar Energy Society) Phoenix, AZ  
IDEC 2010 (Interior Design Educators Council) Atlanta, GA
- 2008** USGBC Greenbuild, Boston, attended on behalf of Callison Architecture  
Understanding LEED Project Costs and Returns, USGBC
- 2007** Microstation and FormZ workshops and training  
Callison Stair Detailing and Design Workshop  
USGBC Greenbuild, Denver, attended on full scholarship  
USGBC LEED Workshop and Training

## TECHNICAL SKILLS / SOFTWARE PROFICIENCIES

### **Proficient on both MACs and PCs:**

iWORK Suite  
Microsoft Office Suite  
Adobe Creative Suite  
    photoshop  
    illustrator  
    indesign  
Revit  
AutoCAD  
Microstation  
NVivo  
SPSS  
*Some experience with R for data analysis and Labview*