

## **AIMEE P. C. BUCCELLATO**

School of Architecture  
University of Notre Dame  
314 Bond Hall  
Notre Dame, Indiana 46556  
574-631-1431  
abucellato@nd.edu

### **EDUCATION**

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- 2005      **Master of Design Studies** (MDes) History, Theory, and Criticism *with distinction*  
Harvard University, Graduate School of Design
- 2000      **Bachelor of Architecture** *cum laude*  
University of Notre Dame, School of Architecture

### **POSITIONS**

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#### **Academic**

- 2008-present    **Assistant Professor - Tenure Track**  
School of Architecture, University of Notre Dame
- Affiliated Faculty Member:**  
Notre Dame Environmental Change Initiative (ND-ECI)  
Center for Sustainable Energy at Notre Dame (ND Energy)  
Notre Dame Global Adaptation Network (ND-GAIN)
- 2011-2015      **Associate Faculty**  
Center for Undergraduate Scholarly Engagement, University of Notre Dame
- 2005            **Assistant Director**, Intensive Professional Program in Classical Architecture  
Institute of Classical Architecture and Classical America, New York City
- 2005-2006      **Instructor**  
Institute of Classical Architecture and Classical America, New York City
- 2005-2006      **Lecturer**  
Institute of Classical Architecture and Classical America, New York City

#### **Professional**

- 2008-current    **Bucellato Design, LLC**  
Partner of the Firm
- 2002-2008      **G. P. Schafer Architect, PLLC**, New York City, New York  
Associate of the Firm
- 2001-2002      **John B. Murray Architect, LLC**, New York City, New York  
Project Architect
- 2000-2001      **Curtis & Windham Architects**, Houston, Texas  
Graduate Architect

## **DISTINCTIONS, HONORS, AWARDS**

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- 2015      **Citation Award for New Construction**  
American Institute of Architects (AIA) – Indiana  
The Morrison Family Education and Outreach Pavilion at ND-LEEF, South Bend, Indiana
- Excellence in Design Award**  
International Network of Traditional Building and Urbanism (INTBAU)  
The Morrison Family Education and Outreach Pavilion at ND-LEEF, South Bend, Indiana  
Commendation for Community Engagement  
Awarded at the 2015 INTBAU World Congress, London, England
- Honor Award for Interior Architecture**  
American Institute of Architects (AIA) – Northern Indiana  
Two Residences at American Trust Place, South Bend, Indiana
- Citation Award for Adaptive Reuse**  
American Institute of Architects (AIA) – Northern Indiana  
The Robert L. Miller, Sr. Veterans Center, South Bend, Indiana
- Acanthus Award for Excellence in Architecture**  
Institute of Classical Architecture and Art (ICAA) – Midwest Chapter  
The Morrison Family Education and Outreach Pavilion at ND-LEEF, South Bend, Indiana
- 2014      **Southold Award for Historic Restoration**  
Historic Preservation Commission of South Bend and St. Joseph County  
A Residence in the East Wayne Historic District, South Bend, Indiana
- 2013      **Acanthus Award for Excellence in Architecture**  
Institute of Classical Architecture and Art (ICAA) – Midwest Chapter  
A Residence in the East Wayne Street Historic District, South Bend, Indiana
- 2012      **Pride of Place Award for Adaptive Reuse**  
Downtown South Bend, Inc. (DTSB)  
The Robert L. Miller, Sr. Veterans Center, South Bend, Indiana
- 2011      **Educator of the Year**  
Students of the School of Architecture, University of Notre Dame
- 2010      **Second Prize**  
Habitat for Humanity Dream Dallas Home National Design Competition
- 2009      **Citation Award in Residential Design**  
American Institute of Architects (AIA) - Westchester/Mid-Hudson  
Willow Grace Farm  
G. P. Schafer Architect, PLLC; Associate-in-Charge of project: Aimee P. C. Buccellato
- 2009      **Palladio Award for New Residential Design and Construction**  
Institute of Classical Architecture and Art (ICAA)  
Willow Grace Farm  
G. P. Schafer Architect, PLLC; Associate-in-Charge of project: Aimee P. C. Buccellato
- 2000      **Noel Blank Design Award**  
Highest Honor for Undergraduate Thesis  
School of Architecture, University of Notre Dame

## CREATIVE WORK

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### Design and Practice

#### 2009-current **Notre Dame Linked Experimental Ecosystem Facility (ND-LEEF)**

Lead Project Designer & Co-Investigator ND-LEEF (SRI)

Comprehensive Master Plan	Phase 1 Completed Spring 2013
Phase 1 Facility* Design	Completed Spring 2013
Morrison Education & Outreach Pavilion	Completed Fall 2014
Phase II Research & Education Campus	In Fundraising

\*Engineer of Record, Phase 1: SmithGroupJJR

#### Design Awards to Project:

Citation Award for New Construction, AIA Indiana, 2015  
INTBAU Excellence Award, INTBAU World Congress, 2015  
Acanthus Award of Excellence in Architecture, ICAA Chicago-Midwest, 2015

#### Publications and Press related to Project:

"Behind the Scenes: Building a Research Facility (ND-LEEF)." 2013. *Outdoor Elements*. WNIT (TV) and online. January 20.

Coyne, T. 2012. "Notre Dame Breaks Ground on Waterways Research Center." *Associated Press*, June 18.

Zellers, J. 2012. "Notre Dame Breaks Ground on Environment Research Center." ABC 57 (TV). June 18.

"Notre Dame Breaking Ground on Environmental Center." 2012. WNDU (TV). June 18.

Blasko, E. 2012. "ND to grow \$1 million LEEF at Park." 2012. *South Bend Tribune*, February 15.

*2012 Annual Report*, University of Notre Dame

*2015 Annual Impact Report*, University of Notre Dame.

### **Buccellato Design, LLC**

Partner of the Firm

#### Select Projects (completed):

##### **Willow Lake – A Country House in the manner of Sir E. Lutyens**

New Construction, residential (7,000 SF), completed 2016  
Mishawaka, Indiana

##### **Lakeside c. 1919 Craftsman Bungalow**

Historic Rehabilitation, Alterations & Additions, residential (4,000 SF), completed 2016  
Lakeside, Michigan

##### **The LaSalle State Bank Building (c.1921)**

Historic Building/ Adaptive Reuse (whole building), commercial, completed 2015  
South Bend, Indiana

#### Grants/ Awards to Project:

Façade Restoration Grant Program (competitive), Downtown South Bend, Inc. (DTSB)  
\$16,000 Awarded

Press Related to Project:

Allen, K. "Buccellato Design makes LaSalle State Bank shine again." *South Bend Tribune*. April 10, 2016.

**Russian River Valley Ranch** (c. 1949)

Renovation + Additions (whole building), residential (3,500 SF), completed 2015  
Asti, California (Sonoma County)

**The LaSalle** (historic Hotel LaSalle, c. 1920)

Adaptive Reuse (whole building & site), for mixed-use residential (60 units + retail)  
South Bend, Indiana

Project Team: Great Lakes Capital LLC., BradleyCo., Buccellato Design, LLC.

Unbuilt; Developer terminated City contract, 2014

**Two New Apartment Residences**

New Construction – Interior, residential (4,000 SF), completed 2012  
American Trust Place, 101 North Michigan Street, South Bend, Indiana

Design Awards to Project:

Honor Award for Interior Architecture, AIA – Northern Indiana, 2015

**Center for the Homeless**

New Construction – Campus Masterplan & Site, residential-institutional, completed 2012  
South Bend, Indiana

**Residence in the East Wayne Street Historic District**

Historic Restoration + Additions, Alterations & Gardens, residential (3,200 SF)  
South Bend, Indiana

Design Awards to Project:

Southold Award for Historic Restoration, Historic Preservation Commission,  
(SBSJC), 2014

Acanthus Award for Excellence in Architecture, ICAA Midwest, 2012

**The Robert L. Miller, Sr. Veterans Center**

Adaptive Reuse, residential-institutional (5,000 SF), completed 2011  
25-bed transitional residential facility for homeless (male) U. S. Military Veterans  
South Bend, Indiana

Design Awards to Project:

Citation Award for Adaptive Reuse, AIA – Northern Indiana, 2015

Pride of Place Award 2012, Downtown South Bend, Inc. (DTSB)

Grants and Awards to Project:

Capital and Per Diem Grant, U. S. Department of Veterans Affairs, 2010

\$350,000 Awarded (for construction of facility)

Contract: Center for the Homeless with Buccellato Design, LLC

Community Development Block Grant (2009), U. S. Department of Housing and  
Urban Development

\$ 50,000 Awarded (new façade construction)

Contract: Center for the Homeless with Buccellato Design, LLC

Special Project Grant (2009), Community Foundation of St. Joseph County

\$ 5,000 Awarded (new façade construction)

Contract: Center for the Homeless with Buccellato Design, LLC

Press related to Project:

Smith, P. W. "World War 2 Grad Helps Homeless Vets." *Notre Dame Lawyer Magazine*. Spring 2012.

Dits, J. "Just for the Veterans: Center Nearly Ready for Homeless." *South Bend Tribune*. November 11, 2011.

**Habitat for Humanity Dream Dallas Home** National Design Competition  
Institute of Classical Architecture & Art (ICAA) & Habitat for Humanity Dallas

Design Award: Second Place; highest ranked for Design/ Aesthetics

Press and Publications related to Project:

Gunther, P. "Celebrating Habitat for Humanity's 35<sup>th</sup> Year – And Can Carter Ready Take Credit." *Huffington Post*. October 13, 2010. Online.

O' Dell, D. (Ed.), *2010 Dream Dallas Home Design Pattern Book*. Dallas: The Texas Chapter of the Institute of Classical Architecture & Classical America. 2010. 27-31.

**A Summer Residence on Henry's Lake**

New Construction, residential (4,200 SF), completed 2007  
Island Park, Idaho

Press related to Project:

"Why Use EverLog Concrete Logs? Feature Project." *EverLog Systems Newsletter*. Vol. 29. August 2012 (online).

Bock, G. "The Precast Cabin." *Period Homes Magazine*. Vol. 10, No. 5. September 2009. 21-23.

"Home News: Concrete Cabin Fever." *This Old House Magazine*. April 2009. 16.

"Western Focus, People & Profiles: Cultured Log Systems." *Big Sky Journal: Home*. September 2007. 61.

"Stunning and Sturdy: Mountain Cabin." *Cabin Life Magazine*. Oct. 2013. 28-35.

"Cement Log Homes." *Teton Home and Living Magazine*. Fall/ Winter 2013-2014. 14-15.

**G. P. Schafer, Architect, PLLC, New York, NY**

Associate of the Firm

Projects Managed (Select):

**Willow Grace Farm: A Residence and Outbuildings**

New Construction, residential (10,000 SF+)  
Millbrook, New York

Design Awards to Project:

Citation Award in Residential Design, AIA Westchester/ Mid-Hudson, 2009  
Palladio Award for New Residential Design and Construction, ICAA, 2009

Press related to Project:

Hrabi, D. "This New Old House." *The Wall Street Journal*, January 25 & 26, 2014. D-1, 6 & 7.

Schafer, G. P. III, *The Great American House: Tradition for the Way We Live Now*. New York City: Rizzoli Press. September 2012.

Maw, V. "Old Style in the New World." *The Financial Times*, February 18 & 19, 2012. House and Home Section, 6-7.

Smith, M. S., "Millbrook, New York." *Kitchens and Baths*. New York City: Rizzoli Press. October, 2011.

Abramovitch, I., "Schafer on Renovation." *Elle Décor Magazine*. September 2011. 116.

Ostergaard, R. "Classic Style." *New Old House Magazine*. Spring 2009. 43-51 and cover.

Spewock, S. "Higher Tolerance." *New Old House Magazine*. Fall/Winter 2009. 20-22.

Lavelle, L. "Eastern Heritage." *Period Homes Magazine*. July 2009. 22-24.

Mason, C. "Scene Stealer." *Elle Décor Magazine*. November 2008. 182-191.

Smith, M. S. "Millbrook, New York." *Houses*. New York City: Rizzoli Press. 2008. 107-118.

### **A Summerhouse**

New Construction, residential (3,000 SF)

Roxbury, Connecticut

#### Press related to Project:

Shaw, D., "Trading Places." *Architectural Digest*. August 2011. 116-121.

Holloway, W. "Charm, Character, and Warmth." *Period Homes Magazine*. March, 2007. 6-9.

### **Retreat on Lake Waramaug**

Alterations & Additions, residential (1,700 SF)

New Preston, Connecticut

#### Press Related to Project:

White, S. G. "Lakeside Cottage." *Nice House*. New York City: Monacelli Press. October 2010. 58-61.

Salk, S., *Weekend Retreats*. New York City: Rizzoli Press. April 2009. 102-107.

Cutlar, T. (transl.) "Kamp Stili." *House Beautiful Magazine* (Turkish Ed.). October 2007. 150-157.

Petkanas, C. "Camp Style." *House Beautiful Magazine*. August 2007. 81-89.

### **An Orangery for a Rural Estate**

New Construction, residential (500 SF)

Roxbury, Connecticut

#### Press related to Project:

Nevins, D. "Laurels for the Land." *House & Garden Magazine*. May 2007. 176-184.

### **Early Federal Townhouse**

Historic Rehabilitation and Alterations, residential

Elizabeth Street, New York, New York

#### Press related to Project:

Harder, J., "Façade Facelift." *New Old House Magazine*. Spring and Summer 2010. 15-18.

Kahn, M. "Simply Redd." *W Magazine*. March 2004. 424-430.

## PUBLICATIONS

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### Book Chapters & Edited Volumes

- 2015 [1] **Buccellato, Aimee P. C.** "The Responsibility of Technology versus the Technology of Responsibility." In *Durability in Construction: Traditions and Sustainability in the 21st Century*, edited by Richard Economakis. Papadakis Press, 2015.
- [2] Deutsch, Randy "Chapter 3: Learning from Data, Case Study Interview with Aimee Buccellato and Appendix: Experts, Innovators, and Thought Leaders." In *Data Driven Design and Construction: 25 Strategies for Capturing, Analyzing, and Applying Building Data*. John Wiley and Sons, 2015.
- 2012 [3] Brenner, Paul R., Douglas Thain, **Aimee P. C. Buccellato**, and David B. Go. "Environmentally Opportunistic Computing: Toward Sustainable Enterprise and HPC Data Centers." In *Handbook of Energy-Aware and Green Computing*, edited by I. Ahmad and S. Ranka. Chapman and Hall, 2012.
- 2003 [4] **Buccellato, Aimee P. C.**, and Editors of The Classicist, co-eds. *A Decade of Art and Architecture 1991-2002*. Meridian Press, 2003.

### Refereed – Articles and Papers

- 2016 [5] **Buccellato, Aimee P. C.**, Charles Vardeman II, and Holly Ferguson<sup>@</sup>. June 15-18. "Design and Praxis in the Post-Digital Era." *Proceedings of the 10<sup>th</sup> Joint International Conference of the European Association for Architectural Education (EAAE) and Architectural Research Centers Consortium (ARCC)*. Lisbon, Portugal: Taylor & Francis. (in press)
- [6] **Buccellato, Aimee P. C.** and Marc Gazda<sup>\$</sup>. July 10-13. "Case Studies to Understand the Impact of Local Materials on Embodied Energy." *Proceedings of the 32<sup>nd</sup> Annual Passive Low Energy Architecture (PLEA) Conference, 1154-1160*. Los Angeles, California.
- [7] **Buccellato, Aimee P. C.**, Charles Vardeman II, and Holly Ferguson<sup>@</sup>. May 18. "The Future of Design and Practice in the Post-Digital Era." *Proceedings of Intersections between the Academy and Practice: Innovative Technologies InDesign and Delivery*. The 2016 ACSA/ AIA Intersections Symposium at the 2016 Annual Convention of the American Institute of Architects (AIA). Philadelphia, Pennsylvania. (in press)
- [8] **Buccellato, Aimee P. C.** and Marc Gazda. "Case Studies to Understand the Impact of Local Materials on Embodied Energy." Submitted/ accepted: Sustainable Built Environment Conference of the Americas 2016. September 19-20. Toronto, Canada.
- 2015 [9] Ferguson, Holly<sup>@</sup>, Charles Vardeman II, and **Aimee P. C. Buccellato**. April 12-15. "Capturing an Architectural Knowledge Base Utilizing Rules Engine Integration for Energy and Environmental Simulations." *Proceedings of the Symposium on Simulation for Architecture & Urban Design, 17-24*. Washington, D. C.: Society for Computer Simulation International.
- [10] Vardeman II, Charles, Adila Krisnadhi<sup>@</sup>, Michelle Cheatham<sup>@</sup>, Krystof Janowicz, Holly Ferguson<sup>@</sup>, Pascal Hitzler, and **Aimee P. C. Buccellato**. 2015. "An Ontology Design Pattern and Its Use Case for Modeling Material Transformation." *Semantic Web Journal*.

- 2014 [11] Vardeman, Charles, Adila A. Krisnadhi@, Michelle Cheatham@, Krzysztof Janowicz, Holly Ferguson@, Pascal Hitzler, **Aimee P. C. Buccellato**, Krishnaprasad Thirunarayan@, Gary Berg-Cross, and Torsten Hahmann. October 19. "An ontology design pattern for material transformation." *Proceedings of the 5th International Conference on Ontology and Semantic Web Patterns-Volume 1302*, 73-77. Riva del Garda, Italy: CEUR-WS.org, 2014.
- \*\*Awarded Best Paper at the 2014 International Semantic Web Conference (ISWC)
- [12] Woodruff, J. Zachary\$, Paul R Brenner, **Aimee P. C. Buccellato**, and David B. Go. 2014. "Environmentally Opportunistic Computing: A Distributed Waste Heat Reutilization Approach to Energy-Efficient Buildings and Data Centers." *Journal of Energy and Buildings* 69 (February), 41–50.
- 2013 [13] **Buccellato, Aimee P.C.**, and Charles Vardeman II. October 24-25. "The Practice of Architecture in the Fourth Paradigm." *Proceedings of the 2013 Fall Conference of the American Institute of Architects: Forefront: Architects as Collaborative Leaders*. Salt Lake City, Utah: American Institute of Architects.
- [14] **Buccellato, Aimee P. C.**, and Megan Reineccius\$. October 17-19. "Exploring Vernacular East African Architecture: Lessons for the Modern World." *Proceedings of the ACSA 4th Biennial Subtropical Cities Conference, Braving a New World: Design Interventions for Changing Climates*. Florida Atlantic University, Fort Lauderdale, Florida: Association of Collegiate Schools of Architecture.
- [15] **Buccellato, Aimee P. C.**, and Kaitlyn Veenstra\$. April 11-13. "Whole Building Re-Use – It Adds Up." *Proceedings of the 2013 Reclaim + Remake Symposium*. Catholic University of America School of Architecture and Planning, Washington, D. C.
- 2012 [16] **Buccellato, Aimee P.C.**, and Kaitlyn Veenstra\$. June 20-22. "Case Studies in Sustainable Design and the Motivation for Enhanced Methods and Tools to Measure Environmental Impact." *Proceedings of the ACSA International Conference: CHANGE: Architecture, Education, Practices*. Barcelona, Spain: Association of Collegiate Schools of Architecture.
- [17] **Buccellato, Aimee P. C.**, Robert Duke@, and Kaitlyn Veenstra\$. June 28-30. "Material Matters." *Proceedings of the 4th International Conference on Smart and Sustainable Built Environments: Emerging Economies*, 119-126. Sao Paulo, Brazil: International Council for Research and Innovation in Building Construction (CIB).
- [18] Esteban, Whitley\$, and **Aimee P. C. Buccellato**. June 27-30. "Building Tomorrow: A Sustainable Future Starts in the Classroom." *Proceedings of the Sustainable Futures Conference, Architecture and Urbanism in the Global South*, 238-243. Kampala, Uganda.
- 2011 [19] **Buccellato, Aimee P. C.**, Paul R. Brenner, and David B. Go. August 4-7. "Computation as Catalyst for Sustainable Design: Environmental Stewardship through Interdisciplinary Research and Design." *Proceedings of the 2011 Building Technology Educators Society (BTES) Conference: Convergence + Confluence*. Ryerson University, Toronto, Canada.
- [20] **Buccellato, Aimee P. C.** April 29-30. "Quantifying Sustainable Design: Select Case Studies." *Proceedings of the 2011 Building Enclosure Sustainability Symposium*, 127-135. California Polytechnic University, Pomona, California: Tyler Tucker.



- [21] **Buccellato, Aimee P. C.**, Paul Brenner, David. B. Go, Ryan Jansen\$, Eric M. Ward, Jr.\$  
 “Environmentally Opportunistic Computing: Computation as Catalyst for Sustainable Design.” *Proceedings of the 2011 Winter Conference of the American Society of Heating Refrigeration and Air Conditioning Engineers (ASHRAE): Net Zero Design*. Las Vegas, Nevada: ASHRAE Press.
- 2010 [22] **Buccellato, Aimee P. C.** November 3-5. “Responsible Technology: The Green Scale Research Project.” *Proceedings of the 2010 Creating\_Making Forum*, 113-120. The University of Oklahoma College of Architecture, Norman, Oklahoma: The University of Oklahoma Press.
- 2009 [23] **Buccellato, Aimee P. C.** August 6-9. “Doing Better With What We Have.” *Proceedings of the 2009 Building Technology Educators (BTES) Conference: Assembling Architecture*, 89-96. The University of New Mexico, Albuquerque, New Mexico. (Invited Plenary panel.)

#### Un-refereed Publications

- 2009 **Buccellato, Aimee P. C.** November 12-14. “Human Happiness and the Built Environment.” *Proceedings of the 10<sup>th</sup> Annual Fall Conference of the Center for Ethics and Culture, The Summons of Freedom: Virtue, Sacrifice, and the Common Good*. The University of Notre Dame, Notre Dame, Indiana.
- Buccellato, Aimee P. C.** “Views from the Top: Expert Opinions on Traditional Building and Design” web-blog. *Traditional Building Magazine*. Contributor, January-June 2009.
- “Doing Better With What We Have.” January 2009
  - “Lost Minds or Inevitable Progress of Thought?” February 2009
  - “What is Your Walk Score?” March 2009
  - “On the Education of the Architect.” April 2009
  - “In the Absence of Excess.” May 2009
  - “These Logs Won’t Burn.” May 2009
  - “Architecture on the Gallows.” June 2009
  - “Building Better, Building Smarter.” June 2009

#### Other Products/ Synergistic Activities

- 2016 **Buccellato, Aimee P. C.**, with production team: Bill Donaruma, Sonia Howell, KC Frye, Mark Witte, and others, the Office of Digital Learning – Notre Dame.
- Interactive Digital Learning Modules on Sustainable Building – a Public Engagement & Teaching Outreach Project:
- “The Relationship between the Built and Natural Environment”
  - “What Makes a Building Sustainable?”
  - “A Model for Sustainability”
  - “Measuring the Impact of Buildings on the Built Environment”
- 2015 **Buccellato, Aimee P. C.**, Charles Vardeman II, Samuel Paolucci, Holly Ferguson@, and Na Yu@. “The GreenScale Digital Design and Analysis Tool.” Deployable Beta-phase prototype tool.: ND Center for Research Computing (CRC).
- 2012 Provisional Patent/ Invention Disclosure #12-033  
 Green Scale: A Design and Analysis Tool for Sustainable Buildings.  
 Primary Inventor: **Aimee P. C Buccellato**; Co-inventor: C. Vardeman.  
 Filed: February 7, 2012; March 16, 2013  
 Office of Technology Transfer (OTT), University of Notre Dame (T. Joyce)

- 2003-2006     **Managing Editor**  
*The Forum*: The Newsletter of the Institute of Classical Architecture and Classical America
- 2001-2003     **Editorial Board, Member**  
*The Classicist*: The Journal of the Institute of Classical Architecture and Classical America

#### Citations/ Interviews

- 2015            “Data Center Waste Heat Reutilization.” Radio. *KCBS 740 AM - 106.9 San Francisco*. Mar. 25.
- 2014            “An Interview with Gordy Young: Science Sunday.” Episode # 761, 2014. *Experience Michiana*. WNIT Public Television and online.
- 2013            “An interview with Gordy Young: Barn Building with Kids.” Episode # 551, 2013. *Experience Michiana*. WNIT Public Television and online.
- Collins, B. Feature: “Teamwork and Timber.” *The Daily Domer* and video produced by the University Office of Media Relations.
- “An Interview with Evie Kirkwood: Integrating Pine Beetle Kill Material into Building Design.” *Outdoor Elements*, WNIT Public Television, January 20, 2013 and online.
- 2012            “An interview with Gene Stowe: Aiming for Success: Pre-Seed Workshop Puts Entrepreneurs in the Driver’s Seat.” *South Bend Tribune*. C1: October 1, 2012.
- 2011            R. Horsting, “Highlight on Teaching and Research: Assistant Professor, Aimee P. C. Buccellato.” *The University of Notre Dame Report on Catholic Mission 2011*. Notre Dame, Indiana: Spring 2011.
- 2010            E. B. Solomont, “Divine Recycling: New York Church Moving to Atlanta – Piece by Piece.” *Mother Nature Network*. June 23, 2010.
- G. Sorber, “Spring Project: Students help rebuild old adobe building in Bernalillo.” March 11. *Albuquerque Journal* (print). 1.
- 2009            C. Swiercz, “Brick by Brick.” November 6. *South Bend Tribune* (print). B 1.
- 2007            W. Holloway, “Charm, Character, and Warmth.” *Period Homes Magazine*. March. 6-9.

### **INVITED PRESENTATIONS, LECTURES, AND ADDRESSES**

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#### Presentations

- 2016            Invited Presentation (with Charles Vardeman II, CSE, and Holly Ferguson®): “The Future of Design and Practice in the Post-Digital Era.” May 17. Intersections between the Academy and Practice. Association of Collegiate Schools of Architecture (ASCA) joint session at the 2016 Annual Convention of the American Institute of Architects (AIA). Philadelphia, Pennsylvania.
- 2015            Invited Tours, Presentation, and Interviews (national press). March 3. The Institute for Journalism and Natural Resources (IJNR): “Talking Science, Telling Stories” Workshop held at the Notre Dame Linked Experimental Ecosystem Facility.
- 2013            Invited Presentation (with Charles Vardeman II, CSE): “The Practice of Architecture in the 4<sup>th</sup> Paradigm.” October 24. Forefront: Architects as Collaborative Leaders Conference, American Institute of Architects (AIA). Salt Lake City, Utah.
- 2012            Invited Presentation: “Measurement of Ecological Impact of Building Materials, Methods & Technologies.” October 5. Pre-Seed Commercialization Workshop, Indiana. North Central Indiana Small Business Development Center and the City of

South Bend Chamber of Commerce. Venture Team: **Aimee Buccellato** (lead), Charles Vardeman (CRC), Tim Joyce (ND OTT), Alan Steele, Michael Watkins, Sam Jones, David Hughes, Dean Schaetzl.

Invited Tour and Presentation: "The Green Cloud Project at the South Bend Botanical Garden and Conservatory." September 29. Community Energy Day during the 6<sup>th</sup> Annual Notre Dame Energy Week sponsored by The City of South Bend and ND Energy.

Invited Presentation: "Responsible Technology." Research Pecha Kucha Western Region Wood Building Workshop. March 30. Integrated Technology in Architecture Center (ITAC). University of Utah.

#### Lectures and Addresses– External

2016            Invited Lecture: "Classicism in Practice." June 28. 2016 Summer Studio in Classical and Traditional Architecture, Institute of Classical Architecture and Art, New York City.

Invited Lecture Series/ Visiting Faculty: "Materials and Methods & Classical and Traditional Architecture in Three Modules" and "Seeing Tectonics: A Field Study of the Frick Museum Collection." June 29. 2016 Summer Studio in Classical and Traditional Architecture, Institute of Classical Architecture and Art, New York City.

Keynote Address: "Spaces and Places." February 19. Goshen College 3<sup>rd</sup> Annual Sustainability Summit, Goshen College - Merry Lea Sustainability Center, Goshen, Indiana.

2015            Invited Lecture (with David B. Go): "Interdisciplinary Research and Design: a Studio-based Practicum for Architects and Engineers." February 23. Solomon Cordwell Buenz, Inc. Chicago, Illinois.

2014            Invited Lecture: "Materials and Methods". July 15. The National Curriculum Conference of the Institute of Classical Architecture and Art (ICAA). The University of Colorado-Denver.

2010            Invited Lecture: "Alberti and the Construction of a Unified Setting." November 10. Institute of Classical Architecture & Classical America Fall Lecture Series, New York City.

#### Conferences, Workshops, Symposia & Exhibitions

2013            **Principal Investigator and Workshop Lead**  
Center for Sustainability Data Research (CSDR) initiative  
Workshop 1: Sustainability Data Community Forum  
July 15-17, Chicago, Illinois  
Workshop 2: Annual Fall Meeting of the Spatial Ontology Community of Practice  
November 10-11, National Science Foundation (NSF), Arlington, Virginia

#### **Symposium Chair**

Beyond the Drafting Board: Celebrating 40 Years of Notre Dame Women in Architecture  
The University of Notre Dame School of Architecture, April 5-6.

2010            **Exhibited Work:** The Responsibility of Technology vs. the Technology of Responsibility  
Durability in Construction Colloquium and Exhibition  
University of Notre Dame School of Architecture, October 27-28.

- 2009            **Exhibition Chair**  
The Original Green: Sustainability and the Environment Conference  
University of Notre Dame School of Architecture, February 2009
- 2000            **Exhibited Work:** McKim, Mead & White's Pennsylvania Station (with J. Leslie & J. Ortega)  
The Other Modern International Conference and Exhibition  
Bologna, Italy, March 2000

#### Invited Panels & Workshops

- 2015            **Embodied Carbon Network Workshop**, Invited Participant. The Low Carbon Building Summit 2015. University of Washington College of Architecture & Carbon Leadership Forum (CLF). September 10-11.
- Research Directors Roundtable**, Panelist. Architectural Research Centers Consortium (ARCC). The Future of Architectural Research Conference 2015. Chicago, Illinois. April 8.
- 2012            **Western Region Wood Building Workshop**, Invited Participant. Integrated Technology in Architecture Center (ITAC). University of Utah. March 29-30.
- 2005            **The Third Generation of Classicists**, Panelist, Three Generations of Classical Architects Conference, University of Notre Dame School of Architecture. Notre Dame, Indiana.

#### Lectures – Notre Dame

- 2016            Invited Lecture: "Three Questions." The Sorin Scholars Annual Faculty Lecture Series. (CUSE), University of Notre Dame.
- 2013            Invited Lecture (with Charles Vardeman II): "Architecture in the 4<sup>th</sup> Paradigm." September 18. Notre Dame Institute of Advanced Studies.
- Invited Lecture: "Sustainability and Architecture." July 16. ND Energy Research Experience for Teachers (RET) Program.
- 2012            Invited Speaker: "Sustainable Design: It's Everyone's Business." March 22. Notre Dame Thinks Big. (<http://www.youtube.com/watch?v=A112cSyiDxk>)
- 2000            Invited Lecture: "E. Prati Winery: An Exploration into the Vernacular and Cultural Influences on Architecture through the Design of a Winery in Rural Northern California." Fall. Noel Blank Prize Lecture, School of Architecture, University of Notre Dame.

## GRANTS AND SPONSORED PROGRAMS

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#### Awarded

- 2015            **A Green Resilience Framework to Support the Design of Sustainable Buildings under Multiple Hazards**  
National Science Foundation  
Program: Structures Architecture and Engineering  
PI: T. Kijewski-Correa (CEEES) 25%; Co-PI: **A. Buccellato** (ARCH) 25%, A. Taflanidis (CEEES) 25%, C. F. Vardeman, II (CSE) 25%.  
Competitive  
**Awarded: \$398,883**  
September 2015 – August 2018

- 2014 **Interactive Digital Learning Modules on Sustainable Building**  
 Implementation Grant – Notre Dame Office of Digital Learning  
 PI: **A. Buccellato** (ARCH with ND-ECI)  
 Competitive  
**Awarded**  
 PI effort: 50 hours; Production Team: 200 hours
- Case Studies of the Environmental Performance of Concrete and Emerging Paving Materials**  
 Sponsored Research: Kuert Concrete Company and Xeri-Pave, Inc.  
 PI: **A. Buccellato**  
**Awarded: \$2,648**  
 May 2014 – March 2015
- 2013 **Center for Sustainable Data Research – Notre Dame**  
 Center for Sustainable Energy at Notre Dame (ND Energy)  
 Sustainable Energy Initiative, Round 6, Track 1  
**Awarded: \$29,800** (cost-share: ARCH & CSE)  
 Competitive  
 PI: **A. Buccellato** (ARCH) 60%; Co-PI: Jarek Nabrzyski (CSE, CRC); D. Hachen (SOC); T. Kijewski-Correa (CEEES); N. Meyers (Libraries); C. Vardeman (CSE, CRC) 30%
- Center for Sustainable Data Research – Notre Dame**  
 Institute for the Study of Liberal Arts (ISLA)  
 Small Research Grant  
**Awarded: \$2,500** (included in cost-sharing above)  
 PI: D. Hachen (SOC); Co-PI: **A. Buccellato** (ARCH), Jarek Nabrzyski (CSE, CRC), T. Kijewski-Correa (CEEES); N. Meyers (Libraries); C. Vardeman (CSE, CRC)
- 2012 **The GreenScale: A New Digital Design and Analysis Tool for Sustainable Building**  
 Office of Research Faculty Research Support Program (FRSP): Regular Grant  
**PI: A. Buccellato**; Co-PI: S. Paolucci (AME); C. Vardeman II (CRC)  
 Competitive  
**Awarded: \$98,523**  
 May 2012-May 2015
- 2011 **The GreenScale: A New Digital Design and Analysis Tool for Sustainable Building**  
 The McCloskey Business Plan Competition  
 Gigot Center for Entrepreneurship, Mendoza College of Business, Univ. of Notre Dame  
 Multiple Award Submission – Advanced to Round 2  
**Finalist – Fellow Irish Social Hub (NDFISH) Research & Design**  
 Competitive  
**PI: A. Buccellato**; Co-PI: C. Vardeman II (CRC); R. Duke; M. Parker (ND-ESTEEM 2012)
- Quantifying Truly Sustainable Design: The Green Scale Research Project**  
 Faculty Research Support Program (FRSP): Initiation Grant  
**PI: A. Buccellato**  
 Competitive  
**Awarded: \$10,000**  
 January 2011 - January 2012
- 2010 **Linked Experimental Ecosystem Facility (ND-LEEF)**  
 Strategic Research Investment: Environmental Change Initiative at Notre Dame  
 PI: J. Tank; Co-PI: D. Lodge (Bio); G. Lamberti (Bio); S. Jones (Bio); M. Lemmon (EE); **A. Buccellato** (Lead Project Designer – Facility)  
**Awarded: \$ 1,000,000**

**The Molino Project: Studio-based Research in Bernalillo, New Mexico** Center for Undergraduate Scholarly Engagement: Travel and Research Grant  
**PI: A. Buccellato**  
**Awarded: \$8,250**

Submitted/ Not Awarded

- 2014 **The Green Resilience Framework: Multi-Criteria Decision Support for the Design of Sustainable Buildings under Multiple Hazards**  
National Science Foundation  
Program: Decision Frameworks for Multi-Hazard Resilient and Sustainable Buildings  
PI: T. Kijewski-Correa (CEEES); Co-PI: A. Kennedy (CEEES), **A. Buccellato**, J. Nabrzyski (CSE), A. Taflanidis (CEEES)
- SeSBE: Semantics-supported Sustainability in the Built Environment**  
National Science Foundation  
Program: CyberSEES  
PI: J. Nabrzyski (CSE); Co-PI: C. Vardeman (CSE), **A. Buccellato**, T. Kijewski-Correa (CEEES)
- Environmental Stewardship through Interdisciplinary Research and Design: A case study-based approach to the design of a sustainable research and teaching campus**  
Environmental Change Initiative – Notre Dame  
2014 Call for Proposals  
PI: **A. Buccellato** and D. Go (AME)
- 2013 **Integrated Design of Energy-Efficient Adaptive Living Structures**  
National Science Foundation  
Program: INSPIRE  
PI: Mihir Sen (AME); Co-PI: P. Antsaklis (AME); **A. Buccellato** (ARCH); S. Paolucci (AME); A. Thrall (CEEES)
- OntoGreen: A Novel Cyber-infrastructure to Support Sustainable Building Design**  
National Science Foundation  
Program: CyberSEES  
PI: Jarek Nabrzyski (CSE, CRC); Co-PI: **A. Buccellato** (ARCH); D. Hachen (SOC); T. Kijewski-Correa (CEEES)
- 2012 **Harvesting Data Center Waste Heat for Other-purposed Buildings**  
Advanced Research Projects Agency-Energy – U. S. Department of Energy  
PI: D. Go (AME); Co-PI: **A. Buccellato** (ARCH); M. Lemmon (EE); P. Brenner (CRC)
- The Green Cloud: A Novel Platform for Educating Students and the Community about Innovative Pathways to Energy Conservation**  
American Honda Foundation  
PI: **A. Buccellato**; Co-PI: D. Go (AME); P. Brenner (CRC); ND Energy  
ND limited submission
- Harvesting Waste Heat from Computers for Sustainable Buildings**  
National Science Foundation  
Program: CBET – Environmental Sustainability  
PI: D. Go (AME); Co-PI: **A. Buccellato**; P. Brenner (CRC)
- Toward a Sustainable Ecosystem: Harvesting Waste Heat from Distributed Data Centers for Other-Purposed Buildings**  
HP Labs Innovation in Research Program  
PI: D. Go (AME); Co-PI: **A. Buccellato**; P. Brenner (CRC)

2011 **The GreenScale Research Project at the University of Notre Dame: Developing and Deploying a New Digital Design and Analysis Tool for Sustainable Building**  
The Graham Foundation for the Arts  
**PI: A. Buccellato**

**The University of Notre Dame – The Green Cloud Project**

Wells Fargo National Environmental Grant Program  
PI: D. Go (AME); Co-PI: **A. Buccellato**; P. Brenner (CRC)  
ND limited submission

**GOALI – Sustainable Advances in Cyber-infrastructure via Environmentally Opportunistic Computing**

National Science Foundation  
Program: CBET – Environmental Sustainability  
PI: P. Brenner (CRC); Co-PI: D. Go (AME); **A. Buccellato**; Gary Gilot (City of South Bend)

2009 **Building-Integrated Information Technology: A Unified Engineering and Architectural Framework for Sustainable Design**

National Science Foundation  
Program: EFRI-SEED Research Projects  
PI: D. Go (AME); Co-PI: M. Lemmon (EE); P. Brenner (CRC); **A. Buccellato**

**Revitalizing a Near Northwest Neighborhood: Community Redevelopment in South Bend**

Ganey Collaborative Community-Based Research Grant Program  
University of Notre Dame Center for Social Concerns  
PI: P. Bess; Co-PI: **A. Buccellato**; K. Ainsley (Near Northwest Neighborhood Assoc., S. Bend)

## TEACHING

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### Courses Taught

2016 Introduction to Building Technology/ ARCH 20411  
Design VI /ARCH 41121 & AME 4743: Interdisciplinary Research and Design Studio  
Collaborative studio: Architecture (8) and Mechanical Engineering (8) students

2015 Design VI/ ARCH 41121 & AME 4743: Interdisciplinary Research and Design Studio  
Collaborative studio: Architecture (8), Mechanical Engineering (7) and Civil Engineering (1) students  
Special Research in Sustainable Design and Building Technology/ ARCH 67611

2014 Design VI/ ARCH 41121 & AME 4743: Interdisciplinary Research and Design Studio  
Collaborative studio: Architecture (9) and Mechanical Engineering (4) students  
Special Research in Sustainable Design and Building Technology/ ARCH 67611

2013 Design VI/ ARCH 41121 Interdisciplinary Research and Design Studio  
Collaborative Studio: Notre Dame Departments of Biological Sciences and Aerospace and Mechanical Engineering, Environmental Change Initiative, ND, St. Patrick's County Park  
Introduction to Building Technology/ ARCH 20411  
Special Research in Sustainable Design and Building Technology/ ARCH 67611

- 2012 Design VI/ ARCH 41121 Interdisciplinary Research and Design Studio  
Collaborative Studio: R. Smith, University of Utah Integrated Technology and Architecture Center, Notre Dame Departments of Biological Sciences and Aerospace and Mechanical Engineering, Environmental Change Initiative, ND, St. Patrick's County Park.
- Introduction to Building Technology/ ARCH 20411 & ARCH 60411
- Special Research in Sustainable Design and Building Technology/ ARCH 67611
- 2011 Design VI/ ARCH 41121 Interdisciplinary Research and Design Studio  
Collaborative Studio: Departments of Biological Sciences and Aerospace and Mechanical Engineering, Environmental Change Initiative, ND
- Introduction to Building Technology/ ARCH 20411 & ARCH 60411
- Special Research in Sustainable Design and Building Technology/ ARCH 67611
- 2010 Design VI/ ARCH 41121 Interdisciplinary Research and Design Studio  
Collaborative Studio: F. Uvina, College of Architecture and Planning, University of New Mexico, the Town of Bernalillo, New Mexico, the Bernalillo Chapter of the Youth Conservation Corps, ND-CUSE
- Introduction to Building Technology/ ARCH 20411 & ARCH 60411
- Special Research in Sustainable Design and Building Technology/ ARCH 67611  
New Course
- 2009 Design VI/ ARCH 41121 Design Studio
- Introduction to Building Technology/ ARCH 20411 & ARCH 60411
- Design VII/ ARCH 71131 Integrated Design Studio
- 2008 Introduction to Building Technology/ ARCH 20411 & ARCH 60411
- Design VII/ ARCH 71131 Integrated Design Studio

#### Lectures – Others' Classes

- 2014-2015 Guest Lecture: "Understanding the Broader Impacts of Sustainable Design." Social Factors and Sustainability ARCH 40321/ PSY 33685, Prof. K. Rollings. University of Notre Dame.
- 2011 Guest Lecture: "The Placebo Effect and LEED." Environmental Politics Seminar (cross-list AMST 30438, HESB 30518, POLS 30143, STV 30343, Prof. Matthew Doppke, University of Notre Dame.

#### Master's Theses Directed

- 2013 S. Philliber, Master of Architecture in Urban Design, University of Notre Dame  
Terminal Design: "A Counterproposal for Sustainable Architecture and Urbanism in Bellingham, Washington".  
Awarded: Alvarez-Diaz & Villalon Award for Architectural Excellence in Sustainability



- 2012 M. Parker, Master of Science, ESTEEM Program, University of Notre Dame  
Commercialization Thesis: "The Green Scale Digital Design and Analysis Tool."
- 2011 T. Casper, Master of Architecture, University of Notre Dame  
Terminal Design: "A New Experimental Ecosystem Research Facility – Notre Dame."
- 2010 C. V. Olin, dual degrees: Master of Architecture and Master of Architecture in Urban Design, University of Notre Dame  
Terminal Design: "Denver Union Station: Expansion and Neighborhood Design."
- S. A. Wahl, Master of Architecture, University of Notre Dame  
Terminal Design: "Williamsburg, Virginia: Reworking Colonial Williamsburg's Market Square."  
Awarded: The Ferguson Shamamian Prize for Architecture

#### Undergraduate Research Advising

- 2015 O' Malley, C. "Embodied Energy and Sustainable Design in Wineries." Capstone Thesis, Sustainability Minor.
- 2014 Oberlander, J. "Achieving Zero Net Energy in Sports Facilities." Capstone Thesis, Sustainability Minor.
- 2013 Reineccius, M. "Exploring East African Vernacular Architecture: Lessons for the Modern World." Thesis, International Development Minor.
- 2012 Esteban, W. "Building Tomorrow: A Sustainable Future Starts in the Classroom." *Poster Session and Proceedings of the National Collegiate Research Conference*. January, 2012; Harvard College of Undergraduate Research Association, Harvard University.
- Esteban, W. "A Pattern Book for Sustainable Educational Infrastructure in Uganda and Case Study for The Green Scale Research Project."
- Possley, E. "Bricks and Mortar Diplomacy: A Counterproposal to Kieran Timberlake's design for the American Embassy in London and Case Study for The Green Scale Research Project."
- Tiffin, C. "The Marcel Bedard Institute for Teacher Education and Case Study for The Green Scale Research Project."
- Veenstra, K. "Case Studies in Sustainable Campus Design." March 18-21. *Proceedings of the 9<sup>th</sup> Annual Greening the Campus Conference* (print). Ball State University.
- Veenstra, K. "Case Studies in Sustainable Campus Design – a Comparative Analysis." Capstone Thesis, Glynn Honors Program.
- Barnes, G., Costanzo, A., Fotch, A., Mirolli, S., Murphy, D., Murphy, J., Santeramo, S., Ruiz, K., Veenstra, K. "Sustainable Design through Interdisciplinary Research: Linked Experimental Ecosystem Facility at St. Patrick's County Park." May 4. Exhibition of work, *5<sup>th</sup> Annual Undergraduate Scholars Conference*. University of Notre Dame Center for Undergraduate Scholarly Engagement (ND-CUSE).
- 2011 Myers, M., Miller, A., Possley, E., Esteban, W., dela Rosa, M., Weick, M. "Preservation by Relocation: An Analysis of the Transfer and Reuse of St. Gerard's Roman Catholic Church, Buffalo, NY." General Oral Session and Exhibition of Work, *4<sup>th</sup> Annual Undergraduate Scholars Conference*. May 2. University of Notre Dame Center for Undergraduate Scholarly Engagement.
- Bangs, J., Bujnowski, J., Esteban, W., GalloMcCausland, C., Mosco, K., Paietta, G., Paolucci,

A., Possley, E., Slaski, E., Tiffin, C., Yatco, J. "Advancing Sustainable Design Through Interdisciplinary Research", General Oral Session and Exhibition of Work, *4<sup>th</sup> Annual Undergraduate Scholars Conference*. May 2. University of Notre Dame Center for Undergraduate Scholarly Engagement.

Myers, M. "A Critical Analysis of the Necessity and Effectiveness of LEED and a Proposal for the Reimplementation of its Core Values." General Oral Session, *4<sup>th</sup> Annual Undergraduate Scholars Conference*. May 2. University of Notre Dame Center for Undergraduate Scholarly Engagement.

2010 Brown, M., Cain, E., Cross, M., dela Rosa, M., Medina, N., Miller, A., Montes, V., Myers, M., Schroeder, N., Vergara, A., Weick, M. "The Molino Project: A Study of Regionalism and Sustainable Urban Infill." April 29. General Oral Session, *3<sup>rd</sup> Annual Undergraduate Scholars Conference*. University of Notre Dame Center for Undergraduate Scholarly Engagement.

Bernal-Cisneros, N. "Counter-proposal to the Chelsea Barracks Site, UK: Inherent Sustainable Design through Traditional Architecture & Urbanism: A Case Study for the Green Scale Research Project."

#### Graduate Research Advising

2011 Casper, T. "A Comparative Analysis: The Design of a New Field Research and Education Campus for Notre Dame and Case Study for the Green Scale Research Project."

2010 Mellor, J. "Counter-Proposal for the Loyola University Information Commons – Chicago, Illinois and Case Study for The Green Scale Research Project."

#### Student Research Sponsorship

2016 A. Gordon (B. ARCH) NSF-CMMI, Sponsored by the 2016 Slatt Fellowship Program (competitive); M. Gazda (B. ARCH) The GreenScale Research Project, Sponsored by FRSP 2012

2015 T. Gutierrez (B. ARCH) The GreenScale Research Project, Sponsored by 2012 FRSP; K. Chambers (M. ARCH) The GreenScale Research Project, Sponsored by 2012 FRSP; M. Gazda (B. ARCH) The GreenScale Research Project, Sponsored by 2014 Kuert Concrete Sponsored Research Project; J. Zhao (M. ARCH) ND LEEF Phase II Visualization Project, Sponsored by ND Environmental Change Initiative

2014 M. Gazda (B. ARCH) The GreenScale Research Project, Sponsored: 2012 FRSP and 2014 Kuert Concrete Sponsored Research Project; F. Rogg (B. ARCH); The GreenScale Research Project, Sponsored by 2012 FRSP; K. Harding (CEEES) The GreenScale Research Project, sponsored by the 2013 Slatt Fellowship Program (competitive); K. Truesdell (MBA) Directed Study: The GreenScale with Co-director: Wendy Angst, Mendoza College of Business; H. Ferguson (CSE – PhD) The GreenScale Digital Design and Analysis Tool with Co-director: Jarek Nabrzyski, Center for Research Computing, Sponsored: FRSP 2012; C. Rogg (B. AME) with Co-director: David Go, Department of Aerospace and Mechanical Engineering; M. Reineccius (B. ARCH) The GreenScale Research Project & related publications

2013 K. Truesdell (MBA) The Green Scale Research Project, Summer Commercialization Internship sponsored by Innovation Park and Development; K. Harding (B. CEEES) The Green Scale Research Project, sponsored by the Slatt Fellowship Program (competitive); K. Veenstra (B. ARCH) and F. Rogg (B. ARCH) The GreenScale Research Project, sponsored by 2012 FRSP; H. Ferguson (CSE – PhD) The GreenScale Research

Project with Co-director: Jarek Nabrzyski, Center for Research Computing, sponsored by FRSP 2012; Na Yu (AME – PhD) The GreenScale Digital Design and Analysis Tool with Co-advisor: Sam Paolucci, sponsored by FRSP 2012; C. Rogg (B. AME) with Co-director: D. Go, Department of Aerospace and Mechanical Engineering; M. Reineccius (B. ARCH) The GreenScale Research Project & related publications

- 2012 S. Hill (MBA), K. Trusdell (MBA), N. Zee (MBA) Directed Study: The GreenScale with Co-director: W. Angst, Mendoza College of Business; R. Duke (MARCH) and K. Veenstra (B. ARCH) RA, Green Scale Research Project, sponsored by 2012 FRSP; Z. Woodruff (B. AME) The Green Scale Digital Design & Analysis Tool, sponsored: CRC Research Experiences for Undergraduates (NSF REU); N. Yu (AME – PhD) The Green Scale Digital Design & Analysis Tool, sponsored 2012 FRSP
- 2011 R. Duke (M. ARCH) and K. Veenstra (B. ARCH) Research Assistants, The Green Scale Research Project, sponsored by 2011 FRSP
- 2010 M. Myers (B. ARCH) and E. Possley (B. ARCH) The Green Scale Research Project, Sponsored by the School of Architecture

## SERVICE

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### Professional - Leadership

- 2015-current **City of South Bend Parks Commission**  
Vice President (2016), Board Elected  
Member, Board of Commissioners (2015-2018), Appointed, Mayor Pete Buttigieg  
Member, Riverfront Parks & Trails Working Group (2016), Appointed, Dir. A. Perri.
- 2012-2015 **Building Technology Educators Society**  
Member of the Executive Board, Member Elected
- 2013 **ReConnect Downtown South Bend**, International Open Urban Design Competition  
Lead Consultants to the City of South Bend, Department of City Planning
- 2005-2006 **President of Fellows and Representative to the Board of Directors**  
Institute of Classical Architecture and Classical America, New York City
- 2002-2009 **Fellow**  
Institute of Classical Architecture and Classical America, New York City  
Member: Governance, Academic Programs, Events & Exhibition Committees

### Technical Review

- 2016 **Manuscript Review:** “Design of High-Performance Buildings: Development of an Integrated QFD and Utility Theory Weighting System for Improving Decision Making Process Energy and Building.” The Journal of Energy and Buildings.
- Technical Review:** Full Paper submissions to the 10<sup>th</sup> Conference of European Association of Architectural Educators/ Architectural Research Centers Consortium (US) (EAAE/ARCC).
- 2014 **Referee:** Margarette Leite, *SCAVENGING ARCHITECTS: Material Reuse in Architecture Today*. Routledge Press.
- 2013 **Technical Review:** Full Paper submissions to the 2013 Conference of the Building Technology Educators Society (BTES).

- 2011 **Grant Review Panelist, National Science Foundation (NSF) Cyber-Physical Systems – Medium.** Arlington, Virginia.
- Referee:** Mehta, M., Armpriest, D., and Scarborough, W. “An Overview of the Building Delivery Process: How Buildings Come into Being; Loads on Buildings; Thermal Properties of Materials.” *Building Construction: Principles, Materials, and Systems*, 2<sup>nd</sup> ed., Pearson Career Publishing.
- Art Review:** Mehta, M., Armpriest, D., and Scarborough, W. “Wood Light Frame Construction. Chapter 1.” *Building Construction: Principles, Materials, and Systems*, 2<sup>nd</sup> ed., Pearson Career Publishing.
- Conferences
- 2015 **Co-Chair, 2015 Book Award:** Building Technology Educators Society (BTES).
- 2013 **Moderator:** Research in Building Technology Panel. July 12. The Tectonics of Teaching, 2013 Conference of the Building Technology Educators Society. Roger Williams University, Bristol, Rhode Island.
- 2011 **Moderator:** Architectural Innovation Session. August 6. Convergence + Confluence, 2011 Conference of the Building Technology Educators Society. Ryerson University, Toronto, Canada.
- Moderator:** Private and Public Spaces Session. April 29. 4<sup>th</sup> Annual Undergraduate Scholars Conference. University of Notre Dame Center for Undergraduate Scholarly Engagement.
- 2010 **Chair:** Round Table Panel Discussion. Durability in Construction Colloquium and Exhibition. October 28. University of Notre Dame School of Architecture. Notre Dame, Indiana.
- External Juries
- 2013 Juror, **Emerging Faculty Award** 2013, with J. Ochsendorf (MIT) and C. Theodoropoulos (CalPoly). The Building Technology Educators Society.
- 2010 Juror, **University of New Mexico**, School of Architecture and Planning Community and Regional Planning Studio. Critic: Francisco Uviña
- 2006 Juror, **New York Institute of Technology**, School of Architecture and Design Second Year Design Studio. Critic: Francesco Della Cruz
- 2005 Juror, **New York Institute of Technology**, School of Architecture and Design Second Year Design Studio. Critic: Yazmin Crespo
- Community – Teaching & Outreach
- 2014 Teamwork & Timber – Live Build Event at ND LEEF South Bend Madison Primary Academy, 4<sup>th</sup> grade
- 2013 Teamwork & Timber ARCH 41121 (Building Tech I) and South Bend Madison Primary Academy, 4<sup>th</sup> grade
- 2011 Volunteer of the Year, South Bend Center for the Homeless Co-awardee: Kevin M. Buccellato

## **Academic Service**

### University Committees

2016-current Council on Academic Technologies (2016-2019), elected 2016  
Committee on Admissions, Scholarships & Financial Aid (2015-2018), elected 2013  
Committee on Women Faculty and Students (2016-2019), elected 2016 (also 2009-2012)  
Faculty Grievance Committee (2016-2019), elected  
Energy and Environmental Issues Committee (2015-2016), elected (also 2012-2014)

### Programs/ Committees

2016-current Community Engagement Coordinating Council, appointed by the Dean 2013  
ND Community Perception Study Committee, (J. Caponigro) 2015  
National Fellowship Selection Committee (ND-CUSE), 2013-2015

2014 Application Reviewer, Center for Sustainable Energy, Postdoctoral Fellowship Program

2013 External Review Committee for the Faculty Research Support Program, Office of Research

2011 External Review Committee for Interdisciplinary Research, Dept. of Biological Sciences  
Outside Chair, Oral Candidacy Exam; Candidate: Lichun Li, Dept. of Electrical Engineering

### School

2016-current New Architecture Building Faculty Select Committee, appointed by the Dean 2013  
Undergraduate Studies Committee, elected (2014-2017)  
Environment and Sustainability, appointed by the Dean 2008 (Chair, 2009-2011)  
Competitions, Scholarships, Fellowships, appointed by the Dean 2015

2014-2015 Public Lecture Committee

2010 Chair, Technical Curriculum Sub-Committee for Strategic Planning

2009 Ad Hoc Accreditation Committee: Task Force on the Standards and Expectations of the  
School of Architecture

### Student Organizations

Faculty Advisor, Student Association for Women in Architecture (since 2011)  
Faculty Advisor, ND Women's Boxing Team (since 2008), Club Founder, 1996.

## **Professional Memberships and Affiliations**

Fellow Emeritus, Institute of Classical Architecture & Art (2009)

LEED Accredited Professional in Building Design and Construction, U.S. Green Building Council (2009)

National Council of Architectural Registration Boards (NCARB) file no. 81596 (2002)

Member, Building Technology Educators Society, 2009-current