

## AIMEE P. C. BUCCELLATO

School of Architecture  
University of Notre Dame  
309 Walsh Family Hall of Architecture  
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

- 2017-present    **Associate Professor of Architecture** with tenure  
School of Architecture, University of Notre Dame
- Affiliated Faculty Member:**  
Fitzgerald Institute of Real Estate (FIRE) Notre Dame  
Notre Dame Environmental Change Initiative (ND-ECI)  
Notre Dame Energy (CSEND)  
Notre Dame Global Adaptation Network (ND-GAIN)
- 2008-2017      **Assistant Professor – Tenure Track**  
School of Architecture, University of Notre Dame
- 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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- 2018      **Citation Award for New Construction**  
American Institute of Architects (AIA) – Northern Indiana  
The Morrison Family Education and Outreach Pavilion at ND-LEEF
- Honor Award for Preservation/ Adaptive Re-use/ Renovation**  
American Institute of Architects (AIA) – Northern Indiana  
The LaSalle State Bank Building
- 2016      **Acanthus Award for Excellence in Architecture**  
Institute of Classical Architecture and Art (ICAA) – Midwest Chapter  
Historic Bank Restoration – South Bend, Indiana
- Southold Award for Historic Restoration**  
Historic Preservation Commission of South Bend and St. Joseph County, Indiana  
The LaSalle State Bank Building
- 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 Re-Use**  
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 Re-Use**  
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)
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|--|--------------------------------|
| Comprehensive Master Plan              | Phase 1 Completed Spring 2013  |
| Phase 1 Facility* Design               | Completed Spring 2013          |
| Morrison Education & Outreach Pavilion | Completed Fall 2014            |
| <b>Phase II Facility* Design</b>       | <b>Design Development 2019</b> |
| <b>Research &amp; Education Campus</b> | <b>In Fundraising</b>          |
- \*Engineer of Record, Phase 1 and 2: SmithGroupJJR

#### Design Awards to Project:

Citation Award for New Construction, AIA Northern Indiana, 2018  
 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:

Cohen, S., J. Hacker, eds. (October 2019). "The Morrison Family Education and Outreach Pavilion at ND-LEEF" (image). *The Classicist: Professional Portfolio* (No. 16). p 76.

Weick, R. J. (July 2017). "Embedded Elements." *Great Lakes by Design Magazine (print)*. Vol. 1, Issue 4, pages 39-40.

"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 Project List (completed):

#### **Historic Restoration c. 1905 Neo-Classical Residence**

Alterations and Additions, residential, completed 2018  
129 West North Shore Drive, South Bend, Indiana

#### **Main Street Row**

Full façade renovation, entry sequence and common areas, completed 2017  
209 North Main Street, South Bend, Indiana

#### **Law Offices of LaDue Curran and Kuehn (South Bank Law)**

Full commercial build-out (8,600 SF), completed 2017  
100 East Wayne Street, South Bend, Indiana

#### **Willow Lake – A New Country House**

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 Re-use (whole building), commercial, completed 2015  
South Bend, Indiana

#### Grants/ Awards to Project:

Honor Award for Historic Preservation/ Adaptive Re-Use/ Renovation, AIA – Northern Indiana, 2018  
Acanthus Award for Excellence in Architecture, ICAA Midwest, 2016  
Southold Award for Historic Restoration, Historic Preservation Commission (SBSJC), 2016  
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 Re-Use, 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 Re-Use, 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. p. 21-23.

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

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

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

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

## **PUBLICATIONS**

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### **Book Chapters & Edited Volumes**

- 2015      **Buccellato, Aimee P. C.** 2015. "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.
- Randy Deutsch. 2015. "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.
- 2012      Brenner, Paul R., Douglas Thain, **Aimee P. C. Buccellato**, and David B. Go. 2012. "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.
- 2003      **Buccellato, Aimee P. C.**, and Editors of *The Classicist*, co-eds. 2003. *A Decade of Art and Architecture 1991-2002*. Meridian Press.

### **Refereed – Articles and Papers**

- 2019      Karen Angeles@, Dimitrios Patsialis@, Tracy Kijewski-Correa, Alexandros Taflanidis, Charles F. Vardeman II, **Aimee P. C. Buccellato**. "Advancing Resilient and Sustainable Buildings Through a New Normative Workflow for Integrated Life-Cycle Assessments."
- Accepted: International Conference on Sustainable Infrastructure  
American Society of Civil Engineers (ASCE)  
November 7-9, 2019  
Los Angeles, California
- Karen Angeles@, Dimitrios Patsialis@, Tracy Kijewski-Correa, Alexandros Taflanidis, Charles F. Vardeman II, **Aimee P. C. Buccellato**. "Integrated Life Cycle Assessments to Support the Design of Multi-Hazard Resilient and Sustainable Buildings." June 23-26. *Proceedings of the International Conference on Natural Hazards and Infrastructure (ICONIC)*. Chania, Greece.

Karen Angeles<sup>@</sup>, Dimitrios Patsialis<sup>@</sup>, Tracy Kijewski-Correa, Alexandros Taflanidis, **Aimee P. C. Buccellato**, Charles F. Vardeman. "Integrated workflow for evaluating sustainability and resiliency of building systems." May 26-30. *Proceedings of the 13<sup>th</sup> Annual International Conference on Applications of Statistics and Probability in Civil Engineering (ICASP)*. Seoul, South Korea.

Karen Angeles<sup>@</sup>, Dimitrios Patsialis<sup>@</sup>, Tracy Kijewski-Correa, Alexandros Taflanidis, **Aimee P. C. Buccellato**, Charles F. Vardeman. "Advancing the design of resilient and sustainable buildings: an integrated life-cycle analysis."

Submitted/ in-review: Journal of Structural Engineering  
Journal of the American Society of Structural Engineers (ASCE)

- 2018 Angeles, Karen<sup>@</sup>, Dimitri Patsialis<sup>@</sup>, Tracy Kijewski-Correa, Alexandros Taflanidis, Charles Vardeman, and **Aimee P. C. Buccellato**. September 23-26. "A New Normative Workflow for Integrated Life-cycle". *Proceedings of the International Building Physics Conference 2018*. Syracuse, New York.
- 2017 Tracy Kijewski-Correa, Alexandros Taflanidis, **Aimee P. C. Buccellato**, and Charles Vardeman. April 6-8. "Integrated Life-Cycle Assessment of Building Resiliency and Sustainability." *Proceedings of the American Society of Civil Engineers (ASCE) and Structural Engineering Institute (SEI) Structures Congress*. Denver, Colorado.
- 2016 **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.
- 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.
- 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.
- 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 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.
- 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 Vardeman, Charles, Adila A. Krisnadhi<sup>@</sup>, Michelle Cheatham<sup>@</sup>, Krzysztof Janowicz, Holly Ferguson<sup>@</sup>, Pascal Hitzler, **Aimee P. C. Buccellato**, Krishnaprasad Thirunarayan<sup>@</sup>, 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)

- 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 **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.
- Buccellato, Aimee P. C.**, and Megan Reineccius\$. October 17-19. "Exploring Vernacular East African Architecture: Lessons for the Modern World." *Proceedings of the ACSA 4<sup>th</sup> 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.
- 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 **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.
- Buccellato, Aimee P. C.**, Robert Duke@, and Kaitlyn Veenstra\$. June 28-30. "Material Matters." *Proceedings of the 4<sup>th</sup> 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).
- 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 **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.
- 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.
- 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 **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 **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.



## 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, 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

- 2018      C. Griffin and the Research and Scholarship Committee of the ACSA. "ACSA White Paper on Architectural Research and STEM." Section 5.1.4: Case Studies of STEM Funding in Architecture (p. 21). Association of Collegiate Schools of Architecture (in print and online: ACSA.org).
- R. J. Wieck. "The Architects." Great Lakes by Design Magazine, Vol. 2 Issue 6, Fall 2018, p. 50-52.
- 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). p. 1.
- 2009 C. Swiercz, "Brick by Brick." November 6. *South Bend Tribune* (print). p. B 1.
- 2007 W. Holloway, "Charm, Character, and Warmth." *Period Homes Magazine*. March. p. 6-9.

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

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### Presentations

- 2017 Invited Presentation (with Tracy Kijewski-Correa, Alexandros Taflanidis, and Charles Vardeman): "Confronting the Multiple Dimensions of Resilient and Sustainable Building Design." January 9. Education Session. Smart, Safe, Resilient: The National Institute of Building Science (NIBS) Annual Conference and Expo. Washington, D. C.
- 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-ND), Tim Joyce (ND OTT), Alan Steele, Michael Watkins, Sam Jones, David Hughes, Dean Schaeztl.

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 the Center for Sustainable Energy Notre Dame (cSEND).

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

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

- 2019           **Panelist and NSF Traveling Fellow**  
Material Design and Buildings Panel  
National Workshop on Architectural Faculty in Environmental Sustainability Research  
(WAFES). Ryerson University. Toronto, Canada. May 28-29.
- 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 and Panels – Notre Dame

- 2018           Invited Panelist: "Female Faculty Panel." April 18. Joint Panel with Engineering hosted by  
the Student Association of Women in Architecture, University of Notre Dame.
- 2017           Moderator: Designing Smart Cities: "Mayors Taking Action - Mayor P. Buttigieg and Mayor  
J. Brainard". September 27. Notre Dame Energy, University of Notre Dame.
- Invited Panelist: "A Salon Concerning the Past and the Future of the New Classicism."  
November 9. Salon hosted by the Students for Classical Architecture, University of  
Notre Dame.
- 2016           Invited Lecture: "Three Questions." The Sorin Scholars Annual Faculty Lecture Series.  
Center for Undergraduate Scholarly Engagement (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. Center for Sustainable Energy  
Notre Dame (CSEND) 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=Al12cSyiDxk>)
- 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

- 2019      **National Workshop on Architectural Faculty in Environmental Sustainability Research** (WAFES) Travel Fellowship  
National Science Foundation  
Competitive  
**Awarded** – May 2019
- 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's: **A. Buccellato** (ARCH with Notre Dame Environmental Change Initiative/ 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 – Notre Dame (cSEND)  
Sustainable Energy Initiative, Round 6, Track 1  
**Awarded: \$29,800** (cost-share: School of Architecture & Dept. of Computer Science)  
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: 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: 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  
INSPIRE Program  
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  
CyberSEES Program  
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); Center for Sustainable Energy – ND (CSEND)  
ND limited submission
- Harvesting Waste Heat from Computers for Sustainable Buildings**  
National Science Foundation: 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: 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: 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

- 2019 Design VIII/ ARCH 51121 Undergraduate Thesis  
Graduate Thesis (spring, R. Foreman)/ ARCH 81161/62  
Special Research in Sustainable Design and Building Technology / ARCH 67611  
Fall Semester – on sabbatical leave

- 2018 Introduction to Building Technology/ ARCH 20411  
 Design VII/ ARCH 51111 & AME 4743 Interdisciplinary Research and Design Studio  
 Collaborative studio: Architecture (8) and Mechanical Engineering (8) students  
 Design VIII/ ARCH 51121 Undergraduate Thesis  
 ARCH 77211 Independent Study
- 2017 Introduction to Building Technology/ ARCH 20411  
 Design VII/ ARCH 51111 (new course)  
 Design VIII/ ARCH 51121 Undergraduate Thesis (new course)
- 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) and Mechanical (7) & 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 students (4)  
 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 AMST 30438, HESB 30518, POLS 30143, STV 30343, Prof. Matthew Doppke, University of Notre Dame.

Master's Theses Directed

2019 R. Foreman, Master of Architecture, University of Notre Dame  
Terminal Design: "Miramonte: Co-housing Development in Tucson, Arizona"  
Awarded: Rambusch Prize

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

2019 Paulk, M. "Olympic Sustainability." Capstone Thesis, Sustainability Minor.

- 2017 Córdova, M.S. "Critical review of the state of the art regulatory mechanisms for sustainable architecture." Capstone Thesis, Sustainability Minor.
- 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.
- 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

- 2018 Kiser, D. "Houses in the Sun: The Spanish Colonial Revival in Southern California."
- 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

- 2018-2019 C. Cullinan (B. ARCH) NSF-CMMI funding
- 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. Truesdell (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

2017 **The Community Foundation of South Bend & St. Joseph County Public Library**  
Member, Joint Steering & Selection Committees for the Masterplan and Architect of the future SJCP

2015-current **City of South Bend Venues Parks and Arts Commission**  
Vice President (2016), Board Elected  
Member, Board of Commissioners (2015-present), Appointed, Mayor Pete Buttigieg  
Board Representative and special consultant, Riverfront Parks & Trails Working Group (2016), Appointed, VPA 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

2019 **Manuscript Review:** Journal of Technology | Architecture + Design (TAD) Issue No. 3: “Urbanizing”.

2018 **Technical Review:** Full Paper submissions to the International Building Physics Conference (IBPC) 2018.

2017 **Manuscript Review:** Journal of Technology | Architecture + Design (TAD)

2016 **Grant (Merit) Review Panelist**, National Science Foundation (NSF) Engineering Directorate. Arlington, Virginia

2016 **Manuscript Review:** 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 (Merit) 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/ Symposia/ Lectures

- 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

- 2019 Juror, **Institute of Classical Architecture & Art Design Competition**, The Institute of Classical Architecture and Art – Chicago-Mid-West. Chicago.
- 2017 Juror, **Stanford White Excellence in Architecture Awards**. The Institute of Classical Architecture and Art. New York City.
- 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

Current Laetare Medal Recommendation Committee (2018-2021), appointed by Fr. Jenkins

2019 Council on Academic Technologies (2016-2019), elected 2016  
Committee on Women Faculty and Students (2016-2019), elected 2016 (also 2009-2012)  
Faculty Grievance Committee (2016-2019), elected; Chair, spring 2019  
Committee on Intellectual Property, elected 2017

2018 Committee on Admissions, Scholarships & Financial Aid (2015-2018), elected 2013

2016 Energy and Environmental Issues Committee (2015-2016), elected (also 2012-2014)

### Programs/ Committees

2017-current Fitzgerald Institute of Real Estate – Notre Dame  
Faculty Advisory Board  
Interdisciplinary Search Committee  
Interdisciplinary Minor Committee  
Faculty Hiring Committee

2016 Community Engagement Coordinating Council, appointed by the Dean (2013-2016)

2015 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 of Architecture

Current Undergraduate Studies Committee, (2017-2020), elected 2014  
Research Committee, appointed by the Dean 2018  
Mentorship Committee, appointed by the 2018  
Ad Hoc Committee on the CAP of the Whole, appointed by the Dean 2018

2017-2018 Committee on Appointments and Promotions

2013-2018 New Architecture Building Faculty Select Committee, appointed by the Dean 2013

2015-2017 Competitions, Scholarships, Fellowships, appointed by the Dean 2015

2014-2015 Public Lecture Committee

2011 Environment and Sustainability, appointed by the Dean 2008 (Chair, 2009-2011)

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

Current        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

## Other

Member, Pastoral Council - St. Joseph Catholic Church, South Bend  
- Community Life Committee Representative