

GREGORY A. LUHAN, Ph.D., FAIA, NCARB

The Ward V. Wells Endowed Professor of Architecture

Department Head of Architecture

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EDUCATION:

Texas A&M University

Dates Attended: 2013-2016
Major: Architecture
William W. Caudill Endowed Graduate Research Fellowship in Architecture (2013-2016)
Degree Received: Doctor of Philosophy; Ph.D. in Architecture (2016)
Dissertation Title: Measurement of Self-Efficacy, Predisposition for Collaboration, and Project Scores in Architectural Design Studio
Dissertation Committee: Dr. Mark J. Clayton (Chair), Dr. Jorge Vanegas, Dr. Valerian Miranda, Dr. Zofia Rybkowski

Princeton University

Dates Attended: 1996-1998
Major: Architecture
Degree Received: Master of Architecture (1998)
Thesis Title: Infrastructure: A West Side Story, An Idea for a Park in a City
Thesis Committee: Ralph Lerner (Chair), Guy Nordenson

Virginia Polytechnic Institute and State University

Dates Attended: 1986-1991
Major: Architecture
Degree Received: Bachelor of Architecture (1991)
Thesis Title: The Bronx: Between Hard and Soft | Interpreting Negotiating Urban Voids
Thesis Committee: Robert Dunay (Chair), Olivio Ferrari, Rudy Hunziker
Professional Extern Program

State University of New York/Rockland

Dates Attended: 1985-1986
Major: Philosophy, Engineering—Honors
Mentor/Talented Student (M/TS) Honors Program;
Mentors: Dr. Samuel Draper, Dr. Libby Bay
Phi Sigma Omicron Honor Society

PROFESSIONAL EXPERIENCE:

Academic Positions Held:

Texas A&M University

Primary Appointment

College of Architecture, Department of Architecture, College Station, Texas 77843
Department Head of Architecture, Texas A&M University, July 2020-present
The Ward V. Wells Endowed Professor of Architecture, College of Architecture,
Department of Architecture, (with Tenure) July 2020-present
Visiting Associate Professor of Practice in Architecture, August 2013-May 2014

Affiliated Appointments

Faculty Fellow in the CRS Center (CRS), 2021-present
Faculty Fellow in the Texas Target Communities (TxTC), 2020-present
Faculty Fellow in the Center for Health Systems + Design, 2020-present
Faculty Full Member of the Graduate School, Architecture, 2020-present

University of Kentucky

Primary Appointment

College of Design, School of Architecture, Pence Hall, Lexington, Kentucky 40506-0041
University Research Professor, University of Kentucky, July 2017-July 2020
Associate Dean for Administration, College of Design, January 2016-June 2017
Associate Dean for Research, College of Design, July 2007-December 2015

John Russell Groves (KHC) Endowed Research Professorship, 2007-2008; 2014-2020

Full Professor of Architecture (with Tenure), May 2016-July 2020
Associate Professor of Architecture (with Tenure), May 2006-2016
Assistant Professor of Architecture, July 2000-May 2006
Visiting Professor, August 1998-June 2000

Affiliated Appointments

Faculty Full Member of the Graduate School, Architecture, 2007-2020
Faculty Full Member of the Graduate School, Historic Preservation, 2007-2020
Faculty Member, Lewis Honors College, 2017-2020
Faculty Member, VisCenter & Virtual Environments, 2005-2020
Faculty Member, Center for Appalachian Studies, 2003-2020
Faculty Associate Member of the Graduate School, Architecture, 2003-2007
Faculty Associate Member of the Graduate School, Historic Preservation, 2002-2007

ARCHITECTURAL REGISTRATION:

FAIA, AIA Member, 2009-present

NCARB Certified, 2009-present

New York Architect License, 1998-present; **Kentucky** Architect License, 2009-present; **Texas** Architect License, 2020-present

Professional Practice:

Gregory Luhan, AIA (gla)

Principal, August 1999-present

Buch Residence Fayette County, Kentucky—project architect, 2022-present

Solar Texas Brazos County, Texas—project architect, 2022-present

Model House Residence Kiva Dunes, Alabama—project architect, 2016-2020

True Residence Lexington, Kentucky—project architect, 2014-2016

Modular Restaurant, West Liberty, Kentucky—project architect, 2014-2016

Habitat Cottage #1, Habitat for Humanity, Mayfield, Kentucky—project architect, 2012

Buch Residence Lexington, Kentucky—project architect, 2012

s•ky blue solar house (uk#0382), Lexington, Kentucky—project architect, 2008-2009, 2012 Kentucky Society's "Honor Award for Achievement of Excellence in Architectural Design," AIA-KY; Honorable Mention, Top 10 Finish - 9th of 20 International Teams, DOE; (1 of 20 selected to participate from 145 team submissions), 2009 Department of Energy Sponsored Solar Decathlon in Washington, DC

Shadowlands - Cohousing-Feasibility Study, Zoe, Kentucky—owner's team; project designer in association with Lucas Schwering Architects, 2008

3316 Braemer Drive-Historic Rehabilitation, Lexington, Kentucky—project designer in association with April D. Pottorff, AIA, 2007; 2010

Resonance House Lexington, Kentucky, 2004-2006 Winner of the 2007 New Construction Award presented by the LFUCG-Historic Preservation Commission; LEED Silver Certified US Green Building Council
<http://www.alliancees.org/index.php/projects/category/leed-for-homes-silver-certified/>

Cox Residence Renovation Midway, Kentucky—project designer in association with April D. Pottorff, AIA, 2003

Boonesborough Village *Madison County, Kentucky—project designer in association with MetaFour Designs and Melody Farris Jackson, 2002*

Visualizing Blind Space *Louisville, Kentucky—digital visualizations and physical models, 2002*

Montgomery County High School Renovation and Addition *Montgomery County, Kentucky, for Tate, Hill, Jacobs Architects, Lexington, KY—digital visualizations and renderings, 2001*

PAG Auto Dealership *Roanoke, Virginia—project designer in association with Hugh Bennett, Architect, 2001*

629 Headley Avenue-Historic Rehabilitation *Lexington, Kentucky—project designer in association with April D. Pottorff, AIA 2000-2006*

Galilean Church, Bread of Life Café *Liberty, Kentucky—project animator, 2000*

New Haven Baptist Church Renovation *Kansas City (Raytown), Missouri—project designer, 2000*

Michalski Residence *Walton, New York—project architect, 1999*

Lexington-Fayette County Courthouse *Lexington, Kentucky—project consultant to Ricci Associates, New York, New York, 1999*

Agrest & Gandelonas, Architects

636 Broadway, Suite 1122, New York, New York 10012
 Project Architect, Designer, May 1995-January 1998

Martin Varsavsky Guest/Pool House *Sagaponack, NY—project designer, 1997-1998*

Bucksbaum Apartment *New York, New York—project designer, 1996*

Goldman/Peck Residence *Millburn, New Jersey—project designer, construction documents, 1995-1996*

Melrose Housing Community Center *Bronx, New York—project designer, construction documents, visualizations 1996* **New York City MASTERWORK 2000; AIA NY Excellence in Design 2001; AIA State Excellence in Design 2001; Society of American Registered Architects (SARA) Design Award of Merit 2001**

Broad to the River: A New Public Space for Redbank *Redbank, New Jersey—animation, conceptual drawings for publication, 1996*

Gwathmey Siegel & Associates, Architects

475 Tenth Avenue, Floor 3, New York, New York 10018
 Designer, March 1994-May 1995

Nanyang Polytechnic *Singapore—project design team, schematic and design development, 1994-1995*

Iowa State University Heritage Center *Ames, Iowa—project design team, schematic design, 1994*

Eisenman Architects

41 West 25th Street, Floor 11, New York, New York 10010
 Designer, May 1991-March 1994; January, May-September 1997

IUHEI Library *Geneva, Switzerland—project design team, schematic & design documents, 1997*

Dakota Jackson Furniture Design Showroom *Los Angeles, CA—project design team leader, 1997*

Emory University *Atlanta, Georgia—project design team, construction documents, 1992-1994* **Progressive Architecture Architectural Design Citation, American Institute of Architects, New York Chapter-Architectural Projects Honor Award**

Haus Immendorf *Düsseldorf, Germany—project design team, model, presentation documents, 1993*

Atocha 123 Hotel *Madrid, Spain—project design team leader, design & construction document administration, 1992-1993*

University of Cincinnati School of Architecture Cincinnati, Ohio—project design team, construction documents, 1991-1994 *Fifth International Architectural Biennale, Venice, Italy; Progressive Architecture Architectural Design Award*

Max Reinhardt Haus Berlin, Germany—project design team, model, presentation documents, 1991-1992

Düsseldorf Competition Düsseldorf, Germany—model, presentation documents, 1993 *First Prize, Invited International Competition*

Nordliches Derendorf Master Plan Düsseldorf, Germany—project design team, model, presentation documents, 1992

Friedrichstrasse Competition Berlin, Germany—model, presentation documents, 1992

Edward Larrabee Barnes/John M.Y. Lee, Architects

320 West 13th Street, Floor 9, New York, New York 10014-1278

Designer, May - December 1989, Summer 1990

Judiciary Building Washington, DC—construction documents, 1990

IUPUI Library Indianapolis, Indiana—concept design, design development, 1989

IU Recreation Center Bloomington, Indiana—concept design, presentation drawings, 1989

RESEARCH ACTIVITY [ORCID 0000-0002-1568-3866]:

Publications:

Books:

Luhan, G. A. (2019). *Close to Home: Buildings and Projects of Michael Koch Architect*. San Francisco: ORO Editions.

Luhan, G. A. (2019). *Dayton Eugene Egger – The Paradox of Place, In the Line of Sight*. Foreword by Kenneth Frampton, Afterword by Frank Weiner. San Francisco: ORO Editions.

Luhan, G. A., (2010). *Live.Light | The University of Kentucky s•ky blue solar house*. San Francisco: ORO Editions.

Luhan, G. A., Domer, D., & Mohny, D., (2004) *The Louisville Guide*. New York: Princeton Architectural Press.

Edited Books:

Luhan, G. A., Anzalone, P., Cabrinha, M., & Clarke, C. (Eds.). (2006). *Synthetic landscapes: ACADIA2006 International conference proceedings*. Mansfield, OH: ACADIA Publications.

Luhan, G. A., (Ed.). (2006) *The Digital exchange-An exhibition of digital manufacture and visualization*. Mansfield, OH: ACADIA Publications.

Book Chapters:

Marinic, G., Radtke, R., & Luhan, G. (2021). *Strategic Speculations*. In G. Marinic (Ed.). *The Interior Urbanism Reader*. London, UK: Routledge Press.

Luhan, G.A. (2019). *Precise formulations of an engaged pursuit – Foreword in Omni Architects*, Volume 1: 1975-1999; Volume 2: 2000-2019.

Peer-reviewed Journals:

Luhan, G. A. (2021). Scaling Intelligence. *Technology | Architecture + Design (TAD)*, 10(2), 142.

Brause, C., Ford, C., Kraus, C., Luhan, G. A., Murray, S., Newman, W.E., Olsen, C., Ripple, J., Schultz, A., Uihlein, M., & Zazycki, A. (2021). *Technology | Architecture + Design (TAD)*, 10(2), 139-140.

Luhan, G. A., Clayton, M., Jabi, W., & Daas, M. (2013). Formative pathways | Changing systems of design – From heuristics to applications, pedagogies, and processes. *International Journal of Architectural Computing (IJAC)*, 11(4),1-25.

Marinic, G., Radtke, R., & Luhan, G. (2021). *Critical Spatial Practices: A Trans-scalar Study of Chinese Hutongs and American Alleyways*. In P. Atmodiwirjo (Ed.). *Interiority*, 4 (1), 7-23, (print) ISSN 2614-6584/(electronic) ISSN 2615-3386.

- Radtke, R., Marinic, G. & Luhan, G. A. (20 February 2019). *Trans-scalar Complexities | From the Hutongs of Beijing to the Alleyways of Cincinnati*. In Z. Qureshi, C. Odom, and G. Marinic (Eds.), *Parallel Territories, International Journal of Interior Architecture + Spatial Design*, v.6: Parallel Territories, Volume VI, *Winter 2019*, 88-93.
- Briscoe, D., Daas, M., Jabi, W., Luhan, G.A., & Thün, G., (2015). Sentience and Systems Boundaries in Architecture, *International Journal of Architectural Computing (IJAC)*, March 2016, 14: 3-5, doi:10.1177/147807711562551
- Luhan, G. A., Clayton, M., Jabi, W., & Daas, M. (2013). Formative pathways | Changing systems of design – From heuristics to applications, pedagogies, and processes. *International Journal of Architectural Computing (IJAC)*, 11(4),1-25.
- Luhan, G. A. (2011) Design Economies | The Collaborative Impact. *International Journal of Architectural Computing (IJAC)*, 9(3), 1-25.

Digital Video Recordings:

- Nathe, C. (2018, 01 December). UK At the Half: Professor pens new books on Kentucky architecture. Posted 01 December 2018. Digital Recording, Runtime: 0:02:30 UKATH-2018-19-#23_mixdown.mp3
- Nathe, C. (2016, 05 March). UK At the Half: Professor enables a community's brighter future: Design+Energy=Resilience. Posted 05 March 2016. Digital Recording, Runtime: 0:02:30 UKATH-2015-16-#46_mixdown.mp3
- Jones-Timoney, A., Kiser, K., & Hale, W. (2016, 02 March). Designing a more sustainable future for Appalachia: UK Professor connects design concepts with Kentucky communities. Speaker(s): Gregory Luhan. Posted 02 March 2016. Digital Video, Runtime: 0:05:06 <https://youtu.be/PRbLKd-YBDI>
- Kiser, K, Bozeman, K., Crumrine, C. & Jones-Timoney, A. (26 August 2015). Welcome back from the UK family! University of Kentucky, Public Relations & Marketing). Speaker(s): Gregory Luhan, Cathy Black, Mark Stoops, Steve Beshear, Everett McCorvey, Tim Tracy, Eli Capilouto, et al. Posted 25 August 2015. Digital Video, Runtime: 0:2:41
- Luhan, G. A., Eggers, D, Tedder, S., & Green, E.V. (2015, April 29). *Big Blue Impact: Making Sustainability Visible*. University of Kentucky, Green Talks. Speaker(s): Gregory Luhan, Derek Eggers, Shane Tedder, and Ellen Green. Posted 04 May 2015. Digital Audio, Runtime: 0:27:07 <http://wrf1.podbean.com/e/green-talks-episode-14-april-29-2015/>
- PSU Brandywine Honors. (2009). <http://www.youtube.com/watch?v=YNnYgexUFmc>
- Today Show (NBC). (2009).
- High-tech homes of the future on display. (2009). <http://today.msnbc.msn.com/id/26184891/vp/34038557#34038557>
<http://today.msnbc.msn.com/id/25141592/ns/green>
- Web only: Inside Team Kentucky's solar house. (2009). <http://today.msnbc.msn.com/id/26184891/vp/34016451#34016451>
<http://today.msnbc.msn.com/id/26184891/vp/34016451#34016451>
- Luhan, G. A. (2007, June 27). *The Resonance House: Installation to Inhabitation*. University of Kentucky, Center for Visualization. Speaker(s): Gregory Luhan, Associate Professor of Architecture, University of Kentucky, Digital Video, Runtime: 0:28:30, https://www.youtube.com/watch?v=k90XKa_rEkk Rating: TV-G

Citations in Scholarly Research: (Selected from over 195 citations):

- Porra, J., Knutas, A., Ikonen, J., Happonen, A., Khakurel, J., & Herala, A. (2019). *Code camps and hackathons in education – literature review and lessons learned*. In T Bui [ed.], *Proceedings of the 52nd Hawaii International Conference on System Sciences*, 7750-7759. Paper presented at the 2019 Hawaii International Conference on System Sciences, Wailea, HI, 08 January 2019. doi: <http://hdl.handle.net/10125/60213>
- Gupta, S., & Kaushal, S. K. (2018). Sustainable producing education in modern era. *Journal of Supply Chain Management Systems*, 7(3), 34-44. *Cited article*.

- Sigal, K. K., Frank, M., & Anat, N. M. (2018). Systems thinking Education—Seeing the forest through the trees. *Systems*, 6(3) doi: <http://dx.doi.org.ezproxy.uky.edu/10.3390/systems6030029>. *Cited article*.
- O'Bryan, M. (2017). Guided Visualization Pedagogy: The Information Model Approach to Beginning Design. In E. Carrahar, H. Johnson, L. Leither, C. Brown, & J. Mills (Eds.). *Begin w/ Why | Ethics and Values in Beginning Design, 33rd Conference on the National Conference on the Beginning Design Student - NCBDS 33, The University of Utah, Salt Lake City, UT*, 617–623. *Cited work*.
- Fu, H. (2016). *Kinetics of molten metal capillary flow in non-reactive and reactive systems*, ProQuest Dissertations and Theses. *Cited article*.
- Luhan, G. (2016). *Measurement of Self-Efficacy, Predisposition for Collaboration, and Project Scores in Architectural Design Studio*, ProQuest Dissertations and Theses. *Cited work*.
- Özkan, B., & Mishra, A. (2015). A Curriculum on Sustainable Information Communication Technology Program (ICT). *PROBLEMY EKOROZWOJU*, 10(2), 95-101. *Cited article*
- Isenhour, R.L. (2015, Winter). Bluegrass bedrock: An architect's son appreciates the 'formative' years. *Atomic Ranch*, 48, 54-61. *Credited photographs*.
- Bain-Conkin, J., & Marsden, George. (2014). *The Refinement of Religious Practices in Nineteenth-century Louisville, Kentucky*, ProQuest Dissertations and Theses.
- Shan, Y. (2014). *Integrated information modeling of construction project productivity*, ProQuest Dissertations & Theses Global. *Cited work*.
- Little, D. (2014). *Measuring Post-Secondary Stem Majors' Engagement in Sustainability: The Creation, Assessment, and Validation of an Instrument for Sustainability Curricula Evaluation*, ProQuest Dissertations and Theses. *Cited article*.
- Shan, Y., Goodrum, Paul M., Balaji, Rajagopalan, Hallowell, Matthew, Molenaar, Keith, & Yeh, Tom. (2014). *Integrated Information Modeling of Construction Project Productivity*, ProQuest Dissertations and Theses. *Cited Work*.
- Badurdeen, F., & Sekulic, D., & Gregory, B., & Brown, A., & Fu, H. (2014, June), *Developing and Teaching a Multidisciplinary Course in Systems Thinking for Sustainability: Lessons Learned through Two Iterations* Paper presented at 2014 ASEE Annual Conference, Indianapolis, Indiana. <https://peer.asee.org/20283>. *Cited article*.
- Isenhour, R.L. (2014). *The Houses of Richard B. Isenhour: Mid-century modern in Kentucky*. Louisville, KY: Butler Books. *Credited photographs*.
- Darr, S. L. (2013). *Discovering domestic cemeteries: history, preservation, and education*. (Master's thesis, University of Louisville, Louisville, KY). Retrieved from <https://ir.library.louisville.edu> *Cited work*.
- Aljoaba, S. (2013). *Active optimal control strategies for increasing the efficiency of photovoltaic cells*, ProQuest Dissertations and Theses. *Cited work*.
- Jawahir, I. S., Badurdeen, F., & Rouch, K. E. (2013). Innovation in sustainable manufacturing education. In *Proceedings of the 11th Global Conference on Sustainable Manufacturing, Berlin, Germany* (pp. 9-16). *Cited article*.
- Hunting, M. A. (2012). *Edward Durell Stone: Modernism's populist architect*. New York: WW Norton. *Credited photograph*.
- Davies, J. (2011). *Predicting Archeology: Static Architecture in Time*. *Cited article*.
- Winslow, J. F. (2010). Intersecting public health and public space: an analysis of two fitness parks in Louisville, Kentucky. (Masters Thesis). Retrieved from <http://hdl.handle.net/2097/4330> *Cited Work*.
- Cabrinha, M. N. (2010). *(In)forming: The affordances of digital fabrication in architectural education*. Available from ProQuest Dissertations & Theses Global; Social Science Premium Collection. *Cited Work*.
- Madryga, D. (2009). *Preserving modernist urban renewal: revisiting Louisville's riverfront plaza, rethinking historic preservation* (Master's thesis, University of Cincinnati, Cincinnati, OH). Retrieved from <https://etd.ohiolink.edu/> *Book citation*.
- Tichi, C. (2009). *Civic passions: Seven who launched progressive America (and what they teach us)*. Chapel Hill: University of North Carolina Press. *Book citation*.

- Vermillion, J., Klinger, K. R., & Pace, B. (2008). "Managing the Design-Fabrication Feedback Loop: Visualizing Collaborative Digital Exchanges between Industry and the Academy," *Proceedings of the joint CIB W096 Architectural Management and CIB TG49 Architectural Engineering Conference*. Sao Paulo, Brazil, November 2008, pp. 253-266. *Cited Work*.
- Preston, J., (2008, June). The Digital Exchange. *AD: Interior Atmospheres, AD: Art & Design Magazine*, John Wiley & Sons: Wiley Academy Press. *Credited work*.
- Gilderbloom, J. I. (2008) *Invisible city: Poverty, housing, and new urbanism*. Austin: University of Texas Press. *Book citation*.
- Hunting, M. A. (2007). *Edward Durell Stone: Perception and criticism*. Available from ProQuest Dissertations & Theses Global. *Book citation, credited photograph*.
- Caudill, H. L., (2007). *Constructing the Robert Kingsley Papers*. UMI Microform (1451958), ProQuest LLC, 9-10. *Book citation*.
- Chien, C. M. (2007). *Digital Design and Fabrication in Bionic Architecture: A case study of the Rattan*. Masters Theses, Computer Aided Architectural Design Lab, National Taiwan University of Science and Technology. *Cited article*.
- Caudill, H. L., (2007). *Constructing the Robert Kingsley papers*, ProQuest Dissertations and Theses. *Book citation, quote*.
- Lutes, K. (2006). *Farmington: A new architecture, a new nation*, ProQuest Dissertations and Theses. *Book citation*.
- Gilderbloom, J. I. (2004). University partnerships to reclaim and rebuild communities. In *The Practicing Planner Journal*. American Planning Association. *Book citation*.
- Eisenman, P. (2003). *Transformations, Decompositions, Critiques: Giuseppe Terragni*. New York: Monacelli Press. *Credited Front and back cover drawings, diagrams, analytical drawings, and theoretical compositions*.
- (08 October 1999). Kentucky jail not really horsing around. Video and Transcript published on CNN.com. *Cited interview CNN, CNN Today, and Headline News*.
- Davidson, C. (1996) *Anywise: Seoul, Korea*. (p. 178). New York: ANY Magazine Publications. *Credited Theoretical Adjacency Maps*.
- Gandelsonas, M. (1995). The master plan as a political site. *Assemblage 27*, (pp. 19-24). Cambridge, MA: MIT Press. *Credited Urban Planning Diagrams and Analytical compositions for the Vision Plan for Red Bank, New Jersey*.

Refereed Papers Published in Conference Proceedings:

- Golestanirad, P., Rybkowski, Z. K., Dixit, M., and Luhan, G. A. (2022). Building Interdisciplinary Teams Through Student Design Competitions: A Case Study. *Proceedings of the 30th Annual Conference of the International Group for Lean Construction (IGLC30)*, 1123–1133. doi.org/10.24928/2022/0222
- Saiyad, M., Rybkowski, Z. K., Suermann, P., Dixit, M., Luhan, G., and Shanbari, H. (2022). *Hazard Recognition and Construction Safety Training Efficacy using Interactive Virtual Reality*, The 9th International Conference on Construction Engineering and Project Management, June 20-23, Las Vegas, NV, 1209-1217.
- Radtke, R., & Luhan, G. A. (2019). *The thickened line | Constructing exploratory sketches and mobile sections*. In V. Vahdat, G. Marinic (Eds.) *Of Performance*. Proceedings of the 6th Annual Architecture & Film Symposium, Texas A&M University, College Station, TX, 44-52.
- Poustinchi, M. E., Wang, S., & Luhan, G. (2018). *No Keyboard, No Mouse | Hybrid digital-analog hardware design for enhancing design UI and UX*. In T. Fukada, W. Huang, P. Janssen, K. Crolla, S. Alhadidi (Eds.). *Learning, Adapting and Prototyping*. Proceedings of the 23rd International Conference of the Association for Computer-Aided Architectural Design Research in Asia (CAADRIA), The Association for Computer-Aided Architectural Design Research in Asia (CAADRIA), Hong Kong, Volume 1, 535-544.
- Lanham, T., Shaifa, I., Poustinchi, M. E., & Luhan, G. (2017). *Craft & digital consequences | Micro-hybrid explorations at (full) scale*. In Fioravanti, A., Cursi, S., Elahmar, S., Gargar, S., Loffreda, G., Novembri, G., & Trento, A. (Eds.). *ShoCK: Sharing*

- Computable Knowledge – Material Studies Methodologies*. The 35th Annual eCAADe International Conference Proceedings, Volume 2, 327-336.
- Safarova, B. Ledesma, E., Luhan, G. A. Caffey, S. & Giusti, C., (2015). *Learning from collaborative integration: The Hackathon as design charrette*. In B. Maartens, R. Schaffranek (Eds.). *Real Time: Extending the Reach of Computation*. The 33rd Annual eCAADe International Conference Proceedings, Volume 2, 233-240.
- Luhan, G. A., & Gregory, R. (2013). Across disciplines | Triggering frame awareness in design education. In M. Bernal & P. Gomez (Eds.). *Knowledge-based Design: Interdisciplinary, The XVII Congreso de la Sociedad Iberoamericana de Grafica Digital Conference - Sigradi 2013, Universidad Tecnica Federico Santa Maria, Valparaiso, Chile*, 617–623.
- Badurdeen, F., Brown, A, Gregory R., Fu, H., Schroeder, M., Sekulic, D.P., Vincent, L., & Luhan, G. A. (2013). Reframing interdisciplinary approaches to systems thinking for sustainability. In T. Seeger (Ed.). *The International Symposium on Sustainable Systems and Technology, ISSST, Conference Proceedings*, 1-8.
- Luhan, G. A., Mohr-Schroeder, M., Badurdeen, F., Vincent, L., & Sekulic, D. P., (2013). Systems thinking for sustainability. In Y. S. George (Ed.). *2013 TUES Principal Investigators Conference: Transforming Undergraduate Education in STEM: Building a Community to Transform Undergraduate STEM Education*. American Association for Advancement of Science, 167-168.
- Badurdeen, F., Gregory R., Luhan, G., Mohr-Schroeder, M., Vincent, L., & Sekulic, D. P., (2012). Systems thinking for sustainability: Envisioning trans-disciplinary transformations in STEM education. In T. Seeger, *The International Symposium on Sustainable Systems and Technology, ISSST, Conference Proceedings*, 1-6.
- Luhan, G. A. (2006). From installation to inhabitation. In R. Cheng & P. Tripeny (Eds.). *Getting real: Design ethos now*. ACSA National Conference Proceedings. First published (2005). In J. Kim (Ed.). *Interventions + Experimentation. East Central ACSA Regional Conference Proceedings. Winner of the Best Paper Presentation (Advanced to the 2006 ACSA National Conference)*.
- Luhan, G. A. (2005). From art to part: DL-1_Resonance House. In G. Velasco and A. Angulo. *Vision and Visualization, 9th Annual International Conference of SIGraDI (Ibero American Society for Computer Graphics) Conference Proceedings*.
- Luhan, G. A., (2005). Modern Translations. In O. Ataman (Ed.). *Smart Architecture. ACADIA National Conference Proceedings*.
- Luhan, G. A. (2005). *Urban Attachment: The City as Laboratory*. In J. Kim (Ed.). *Interventions+Experimentation. East Central ACSA Regional Conference Proceedings*.
- Luhan, G. A. (2004). Mining the digital context – Aligning digital craft with hand craft in the virtual-based design studios. In A. Temkin, (Ed.). *Evolving Tools: Digital Fabrication in Architectural Education, ACADIA National Conference Proceedings*.
- Luhan, G. A., Bhavsar, S. & Walcott, B. (2003). Deep-time probe: Investigations in light architecture. In K. Klinger (Ed.). *Connecting: Crossroads of Digital Discourse, ACADIA National Conference Proceedings*.
- Luhan, G. A. (2003). Stitched Spaces and Digital Permutations. In K. Klinger (Ed.). *Connecting: Crossroads of Digital Discourse, ACADIA National Conference Proceedings*.

Refereed Abstracts Published in Conference Proceedings:

- Poustinchi, M. E., & Luhan, G. (2018). *NK-NM | Hybrid digital-physical hardware design for designing and enhancing user experiences*. In A. Ameri & R.O. Dagg (Eds.). *The Ethical Imperative*. Project Proceedings of the 106th Annual Meeting of the Association of Collegiate Schools of Architecture (ACSA) 2018, Association of Collegiate Schools of Architecture, 165-166.
- Luhan, G. A. (2002). Beyond Building. In the *IAR - Initiative for Architectural Research*, Conference Proceedings.
- ACSA National Conference in New Orleans (04/2002)
 - AIA Expo' 2002 in Charlotte, NC (05/2002)
 - ACSA Emerging Technology Conference at Portland State University (10/2002)

- Luhan, G. A. (2001). Technology as intervention. In *Syllabus.com* Santa Clara, California, Conference Proceedings.
- Luhan, G. A. (2000). Juxtaposing traditional and digital media in the classroom. In the *Second Annual University of Kentucky Teaching Symposium*, Lexington, Kentucky: Conference Proceedings.
- Luhan, G. A. (2000). Digital media within the design studio: Reading the object through materiality and spirit." In the *IAR - Initiative for Architectural Research*, Conference Proceedings.
- ACSA National Conference in Los Angeles (03/2000)
 - AIA Expo' 2000 in Philadelphia (05/2000)
 - ACSA Emerging Technology Conference at Massachusetts Institute of Technology [MIT] (07/2000)
- Luhan, G. A. (1999). Transcendence: Architectures in-between appearance and reality. In the *4th Annual Conference of Architecture in Video*, Florence, Italy: Conference Proceedings.
- Luhan, G. A. (1999). FINE ARTchiTecture. In *Convergence: A question of disciplines*. Blacksburg, Virginia: Conference Proceedings, Virginia Polytechnic Institute.
- Luhan, G. A. (1999). UnCommon ground. In the *Beginning Design Conference*, UNLV, Las Vegas, Nevada: Conference Proceedings.

Other Publications:

- Luhan, G. A., (2005). Between the drawn and the actualized. In M. Paranandi (Ed.), *Form Z Joint Study 2004-2005 Annual Report*, (pp. 94-97). Columbus, OH: Autodesys.
- Luhan, G. A., (2002). Project II.A. In M. Gandelonas (Ed.) *Shanghai Reflections: Architecture, Urbanism, and the Search for an Alternative Modernity*. (pp. 116-121). New York: Princeton Architectural Press.
- Biagi, D. & Luhan, G. A., (2000, Spring). St. Francis High School Arts and Athletics Complex Competition, *Competitions Magazine*, 38-51.
- Luhan, G. A., (1999). Transmutations of an endless diagram. In S. Richardson (Ed.), *Synthesis*. (pp. 14-17). Lexington, KY: UKY College of Architecture.
- Lerner, R. (1998). IFCCA Prize Competition for the Design of Cities: Descriptions and Conditions, International Foundation of the Canadian Center for Architecture (IFCCA).
- Luhan, G. A. (1998). A West Side Story: An Idea for a Park in a City. Masters Thesis, (pp.18-19). Princeton, NJ: Princeton University - School of Architecture.
- Agrest, D. (1997, Winter). Between Hard and Soft: Encountering Architecture. *SoHo Magazine*.
- Luhan, G. A. (1996). A Remembrance of Things Past. In *Portfolio: Olivio Ferrari Ideas and Thoughts*. (p. 185). Blacksburg, VA: CAUS Press.

Scholarly Presentations and Public Lectures:

Refereed Presentations at International & National Conferences:

- Radtke, R., & Luhan, G.A. (04 December 2020). *Global Approaches to Local Issues: A Trans-scalar Approach to Interdisciplinary Design*. Peer-reviewed paper presentation at the *Architecture-Media-Politics Society (AMPS) Teaching-Learning-Research: Design and Environments Conference*, University of Manchester, Manchester, England (UK).
- Radtke, R., & Luhan, G. A. (04 May 2019). *The thickened line | Constructing exploratory sketches and mobile sections*. Paper presentation at the *6th Annual Architecture & Film Symposium, Of Performance*, Texas A&M University, 04-05 May 2019, College Station, TX.
- Poustinchi, M. E., Wang, S., & Luhan, G. (18 May 2018). *No Keyboard, No Mouse | Hybrid digital-analog hardware design for enhancing design UI and UX*. Paper presentation delivered by Shengmian Wang at the *23rd International Conference of the Association for Computer-Aided Architectural Design Research in Asia (CAADRIA) – Learning, Prototyping, Adapting*, 17-19 May, 2018, Tsinghua University, Beijing, China. **Winner of the Best Presentation Award in the category of Human-Computer Interaction Architectural Design Research**
- Poustinchi, M. E., & Luhan, G. (17 March 2018). *NK-NM | Hybrid digital-physical hardware design for designing and enhancing user experiences*. Paper Presentation at the *106th Annual Meeting of the Association of Collegiate Schools of Architecture*

- (ACSA) – The Ethical Imperative-Promising Research Projects in Schools of Architecture, Denver, CO.
- Luhan, G., & Wiseman, S. (2017, 30 October). *Re-Envisioning Juvenile Justice Educational Environments: Inspire. Integrate. Innovate*. Panel presentation on Sustainable Justice at the 2017 American Institute of Architects-American Academy of Justice Fall Conference, Cincinnati, OH.
- Lanham, T., Shaifa, I., Poustinchi, M. E., & Luhan, G. (2017, 20 September). *Craft and Digital Consequences | Micro-Hybrid Explorations at (Full) Scale*. Paper presentation at the 35th Annual eCAADe International Conference - Sharing of Computable Knowledge, 20-22 September 2017, Sapienza University of Rome, Rome, Italy.
- Luhan, G., Wit, A., & Eggers, D., (2015, 14-15 September). *Making Sustainability Visible Through Collaborative Intelligence | Data Driven Installations*. Workshop presented at the 33rd Annual eCAADe International Conference, Technische Universität Wien (Vienna University of Technology), Vienna, Austria.
- Safarova, B. Ledesma, E., Luhan, G. A. Caffey, S. & Giusti, C., (2015, 16-18 September). *Learning from Collaborative Integration: The Hackathon as Design Charrette*. Paper presented at the 33rd Annual eCAADe International Conference, Technische Universität Wien (Vienna University of Technology), Vienna, Austria.
- Luhan, G. A., (2013, 20 November). *Across Disciplines | Triggering Frame Awareness in Design Education*. Paper presented at The XVII Congreso de la Sociedad Iberoamericana de Grafica Digital Conference - Sigradi 2013, Universidad Tecnica Federico Santa Maria, Valparaiso, Chile.
- Clayton, M., Radosavljevic, M., Kiviniemi, A., Kocaturk, T., Farías, F. & Luhan, G. A., (2013, 13 September). *BIM in Education*. Workshop presented at the 2013 eCAADe International Conference, TU Delft University of Technology.
- Badurdeen, F., Brown, A, Gregory R., Fu, H., Schroeder, M., Sekulic, D.P., Vincent, L., & Luhan, G. A. (Luhan lecture | 2013, 17 May). *Reframing Interdisciplinary Approaches to Systems Thinking for Sustainability*. Paper presented at the International Symposium on Sustainable Systems and Technology (ISSST) Conference, Cincinnati, OH.
- Luhan, G. A., Schroeder, M., Badurdeen, F., Vincent, L., & Sekulic, D. (Sekulic lecture | 2013, 24 January). *Systems Thinking for Sustainability*. Paper presented at the 2013 TUES Principal Investigators Conference: Transforming Undergraduate Education in STEM: Building a Community to Transform Undergraduate STEM Education, American Association for Advancement of Science, Washington.
- Badurdeen, F., Gregory R., Luhan, G., Schroeder, M., Vincent, L., & Sekulic, D.P. (Luhan lecture | 2012, 18 May). *Systems Thinking for Sustainability: Envisioning Trans-Disciplinary Transformations in STEM Education*. Paper presented at the International Symposium on Sustainable Systems and Technology (ISSST) Conference, Boston, MA.
- Luhan, G. A., (2006, 18 May). *The Resonance House: A demonstration house for LEED for homes*. Paper presented at the Greening the Heartland 2006: Advancing Sustainable Practices National Conference, Kansas City, MO.
- Luhan, G. A. and Polk, R., (2006, 16 May). *A sustainable approach to housing*. Paper presented at the Housing Management Conference, Southeastern Affordable Housing Management Association (SAHMA) and Kentucky Housing Corporation (KHC), Louisville, KY.
- Luhan, G. A. (2006, 29 March-02 April). *From Installation to Inhabitation*. Paper presented at the ACSA National Conference, Salt Lake City, UT.
- Luhan, G. A. (2005, 22 November). *From Art to Part: DL-1_Resonance House*. Paper presented at the 9th Annual International Conference of SIGraDI (Ibero American Society for Computer Graphics), Lima, Peru. **Winner of the Premios a las Mejores Presentaciones (Best Presentation Prize) in the category of Diseño Digital y Fabricación (Digital Design and Manufacture)**
- Luhan, G. A., (2005, 15 October). *Modern Translations*. Paper presented at the ACADIA National Conference, Savannah, GA.

- Luhan, G. A., (2004, 13 November). *The Louisville Guide | Mixing the past and the present*, Book presentation at the 23rd Annual Kentucky Book Fair, Frankfort, KY.
- Luhan, G. A., (2004, 30 September). *Twentieth Century Housing in Louisville*. Paper presented at the National Trust for Historic Preservation Conference, Louisville, KY.
- Luhan, G. A., (2003, 23 October). *Deep-Time Probe: Investigations in Light Architecture*. Paper presented at the ACADIA National Conference, Indianapolis, IN.
- Luhan, G. A., (2003, 03 April). *Making words solid: Lecture-based workshops in digital media*. Paper presented at the Beginning Design Conference: Unstaked Territory, Frontiers on Beginning Design, Oklahoma State University, Norman, OK.
- Luhan, G. A., (2002, 18 April). *Beyond building: The space of RM Schindler*. Paper presented for the Sunshine Research Fellowship, Virginia Polytechnic Institute, College of Architecture and Urban Studies, Blacksburg, VA.
- Luhan, G. A., (2002, 15 March). *The place of abstraction*. Paper presented at the Beginning Design Conference, Portland State University, Portland, OR.
- Luhan, G. A., (2001, 12 July). *Technology as intervention*. Paper presented at the Syllabus.com Conference, Santa Clara, CA.
- Luhan, G. A., (1999, 09 December). *FINE ARTchiTecture: The specific and the unique*. Paper presented at the Convergence Conference, Virginia Polytechnic Institute, Blacksburg, VA.
- Luhan, G. A., (1999, December). *Transcendence | Architecture in Between Appearance and Reality*. Paper presented at the IMAGE Conference, 4th Annual International Festival of Architecture in Video, Florence, Italy.
- Luhan, G. A., (1995, April). *FORMal PLAY 1990-1995*. Paper presented at the Olivio Ferrari Symposium, Virginia Polytechnic Institute, Blacksburg, VA.

Invited Presentations at International & National Venues:

- Luhan, G.A., (15 October 2021). *Scaling Performative Pedagogy | Transforming the Classroom into a 3-dimensional Textbook*. Invited paper presentation at the BOND Multi 2021, Tucson, AZ. [Seminar].
- Luhan, G.A., (10-17 October 2018). “*Parallel Intersections: Process Driven Mindsets at Full-scale*,” Digital Videos and Still Images accepted for exhibition and presentation at the 2018 Design Computing Conference showcase of state-of-the-art visualizations in academia, research, industry, and practice, Czech Technical University, Prague, Czech Republic.
- Luhan, G.A. (Produced by Open Architecture Collaborative, AIA-HKC & EDI International). (17 October 2016). *Retooling an Industry: Interdisciplinary Design Igniting Economic Development* [Webinar].
- Cays, J., Luhan, G.A., Rinehart, M., & Smith, R., (17-19 March 2016). “*The How of Research Domains*,” ARCC/ACSA Special Focus Session Paper accepted for publication and presentation at the 2016 ACSA National Conference, ACSA 104: Shaping New Knowledges, Seattle, WA.
- Cheng, R., Childs, M., & Luhan, G.A., (17-19 March 2016). “*How to Succeed at Research by Really Trying*,” Special Focus Session Paper accepted for publication and presentation at the 2016 ACSA National Conference, ACSA 104: Shaping New Knowledges, Seattle, WA.
- Luhan, G. A., (2015, 25 April). *Added Value | Case Studies in Aligning Academic Research with Industry*. Paper presented at the BOND Multi 2015, Orlando, FL.
- Luhan, G. A., (2015, 02 April). *Interdisciplinary Collaboration in Complex Projects*. Paper presented at the Consortium of Design Educators, Collaborative Creativity Symposium at Miami University, College of Creative Arts, Department of Architecture and Interior Design, Oxford, OH. Presentation with Mahesh Daas, Andrew Wit (Ball State University), Peggy Deamer (Yale University); Anton Harfmann (University of Cincinnati); Gregory Luhan, Derek Eggers (University of Kentucky); Douglass Noble, Karen Kensek (University of Southern California); Murali Paranandi (Miami University); Brian Peters (Kent State University).
- Luhan, G. A., (2013, 03 May). *New Frontiers in Sustainability*. Paper presented at the University of Maryland-School of Architecture, Planning, and Preservation, College Park, MD.

- Luhan, G. A., (2013, 04 April). *Aligning a Pioneering Spirit with a Bigger Piece of the Pie,*” Paper presented at the Iowa State University-College of Design, Ames, IA
- Luhan, G. A., (2013, 22 March). *SFS | Housing Design Education and Research.* Paper presented at the Special Focus Session, Moderated by Stephen Schreiber-University of Massachusetts-Amherst and Kathy Dorgan-Dorgan Architecture and Planning, 2013 ACSA National Conference, ACSA 101: New Constellations / New Ecologies, San Francisco, CA.
- Luhan, G. A., (2013, 22 March). *SFS | Design Build.* Paper presented at the Special Focus Session, Moderated by David Hinson, Auburn University, 2013 ACSA National Conference, ACSA 101: New Constellations / New Ecologies, San Francisco, CA.
- Luhan, G. A., (2012, 18 September). *A Vision for the Future: Louisville’s Water Innovation Center.* Paper presented at the Idea Festival, Louisville, KY. Presentation with Jim Brammell-LWC Chief Engineer; Greg Heitzman-LWC President & CEO; Kay Ball-LWC-Engineer; Gregory Luhan-UKY College of Design; Shell Li-UKY, College of Design.
- Luhan, G. A., (2012, 02 March). *ACADIA @ Digital Aptitudes | Synthetic Landscapes.* Paper presented at the Special Focus Session, 2012 ACSA National Conference, Boston, MA. Presentation with Gil Akos, Ronnie Parsons, Kyle Miller, Andy Payne, Piet Meijis.
- Luhan, G. A., (2012, 02 March). *Solar Decathlon Roundtable.* Special Focus Session, 2012 ACSA National Conference, Boston, MA. Moderator: Kristina Yu, University of New Mexico; Panelists: Geraldine Forbes Isais, University of New Mexico; Kurt Keville, MIT; Gregory Luhan, University of Kentucky; Marilys Nepomechie, Florida International University; Michael Pride, University of New Mexico; John Quale, University of Virginia; Michael Zaretsky, University of Cincinnati; Robert Dunay, Virginia Tech
- Luhan, G. A., (2007, 17 April). *The Resonance House.* Paper presented at the Adhesives and Sealants Council Inc. (ASC) 2007 National Convention and Expo, Savannah, GA.
- Luhan, G. A., (2006, 23 October). *Between Two Extremes.* Paper presented at the University of Colorado, Boulder, CO.
- Luhan, G. A., (2001, 23 July). *Living in Diagrams.* Paper presented at the CCAC [California Center for Arts & Crafts], San Francisco, CA.
- Luhan, G. A., (2000, 24 July). *Virtual Raves in Synthetic Landscapes.* Paper presented at the CCAC [California Center for Arts & Crafts], San Francisco, CA.

Refereed Presentations at Regional Conferences:

- Badurdeen, F., Luhan, G. A., Schroeder, M., Vincent, L., & Sekulic, D. P., (Badurdeen, Luhan lecture (2013, May 16). *Systems Thinking for Sustainability | Developing and Teaching Multidisciplinary Courses.* Paper presented at the KY Innovations Conference, Lexington, KY.
- Luhan, G. A., (2005, October 08). *From Installation to Inhabitation.* Paper presented at the ACSA East Central Regional Conference, Detroit, MI.
- Luhan, G. A., (2002, 24 October). *Louisville Modernism: Critical Regionalism, 1940-1980.* Paper presented at the SECAC-SESAH Conference, Mobile, AL.
- Luhan, G. A., (2000, 23 September). *Juxtaposing Traditional and Digital Media in the Classroom.* Paper presented at the University of Kentucky Second Annual Teaching Symposium, Lexington, KY.

Invited Presentations at Regional Venues:

- Luhan, G. A., (2017, 15 November). *21st Century Learning Environments | Resilient Pedagogies.* Exhibition presented at the Twelfth Annual Association for Learning Environments (A4LE) Kentucky Chapter Conference, Discovering Learning, Lexington, KY.
- Luhan, G. A., (2016, 16 November). *21st Century Learning Environments | From Mainstream to STEAM.* Exhibition and lecture presented at the Eleventh Annual Association for Learning Environments (A4LE) Kentucky Chapter Conference, Educational Trends and Alternative Learning Spaces, Lexington, KY.
- Luhan, G. A., (2014, 24 September). *Learning from West Liberty | Planning for Disaster Resilience.* Lecture presented at the Brushy Fork Institute, Berea College, Berea, KY.

- Luhan, G. A., (2013, 09 May). *Seeing Blue as the Next Green*. Paper presented at the Go Green Expo, State of Kentucky Department of Revenue and Personnel, Frankfort, KY.
- Luhan, G. A., (2013, 06 April). *Timeless and Current | Inventing a Future*. Paper presented at the 2013 Founder's Day, Triangle at 100, Lexington, KY.
- Luhan, G. A., (2011, 01 December). *What If . . . What Next – Building Energy*. Paper presented at the 2011 Kentucky Energy Club-Energy Roast, Memorial Hall, Lexington, KY.
- Luhan, G. A., (2011, 14 September). *Design for Impact – What Every Student Should Know About Sustainability*. Paper presented at the 2011 Big Blue Goes Green Sustainability Showcase, Lexington, KY.
- Luhan, G. A., (2011, 13 June). *Habitat Concept House – Mayfield-Graves*. Paper presented at the 2011 Green Housing Summit – Beginning with the End in Mind, Lexington, KY.
- Luhan, G. A., (2011, 18 May). *Promoting Sustainable Excellence*. Paper presented at the 2011 Lexington Citizen's Planning Committee Presentation, LFUCG-Bluegrass Community Foundation, Lexington, KY.
- Luhan, G. A., (2010, 28 June). *LEEDing the Way in Kentucky – s•ky blue and Resonance House*. Paper presented at the 2010 Green Housing Summit, Lexington, KY.
- Luhan, G. A., (2009, 16 April). *By Kentucky. For the World*. Paper presented at the Energizing Kentucky Conference: Energy and Sustainability at American Colleges and Universities – The Overview, Lexington, KY.
- Luhan, G. A., (2008, 05 November). *The Resonance House*. Paper presented at the Lexington Green Scene: Celebrating Sustainability, Sponsored by the USGBC, Lexington, KY.
- Luhan, G. A., (2008, 30 April). *From the Resonance House to the Solar Decathlon*. Paper presented at the Louisville Green Scene: Celebrating Sustainability, Sponsored by the Energy Pros, Louisville, KY.
- Luhan, G. A., (2007, 13 November). *Barriers and Incentives*. Paper presented at the (Community Housing Development Organizations) CHDO – Forum on Energy Efficiency, Sponsored by the Homeless and Housing Coalition, Frankfort, KY.
- Luhan, G. A., (2007, 28 March). *Aligning Digital Craft with Handcraft*. Paper presented at the Digital Scholarship Colloquium, University of Kentucky, King Library, Lexington, KY.
- Luhan, G. A., (2006, 27 March). *Cultivating Relationships between the Academy and Industry Through Digital Fabrication*. Paper presented at the ATAIN Conference for IIN-The Indiana Innovation Network |Digital Fabrication, Alumni Center, Ball State University, Muncie, IN.
- Luhan, G. A., (2005, 11 April). *At Full-Scale*. Paper presented at the University of Kentucky, College of Design-School of Architecture, Lexington, KY.
- Luhan, G. A., (2005, 08 February). *Modern Masters of Louisville*. Paper presented at American Institute of Architects-Central Kentucky Chapter Regional meeting, Urban Design Studio, Louisville, KY.
- Luhan, G. A., (2003, 25 September). *Infill Housing—The Politics of Public Housing*. Paper presented at the HUD-COPC Grant: East Lexington, University of Kentucky, W.T. Young Library, Lexington, KY.
- Luhan, G. A., (2000, 22 March). *Compositions of Pixels, Lines, and Planes*. Paper presented at the University of Kentucky, Gaines Humanities Center, Colloquium on Research and Creative Work, Lexington, KY.
- Luhan, G. A., (1999, 12 February). *Excess (in)FINITE Space*. Paper presented at the University of Kentucky, College of Architecture, Lexington, KY.

Research in Progress:

- Golestanirad, P., Rybkowski, Z., Dixit, M., & Luhan, G. (Forthcoming-2022). Building interdisciplinary teams through student design competitions: A case study. Proceedings of the 30th Annual Conference of the International Group for Lean Construction (IGLC30), xx-xx. doi.org/10.24928/2022/XXXX

- Luhan, G.A. (forthcoming). *Jumping Scales: Evolving Foundations for an Emerging Practice*. In Carpenter, W. Digital Fabrication and the Design-Build Studio. London, UK: Routledge Press.
- Luhan, G. A. & Carpenter, C. R. (forthcoming). *The Modern House-Kentucky*. Manuscript developed for publication.
- Luhan, G. A., & Plymale, K. D., (forthcoming). *Music That We See | The Work of DEGA and Bickel/Gibson*. Manuscript developed for publication.
- Luhan, G.A. (forthcoming). *In Pursuit of Practice – The Travelogues of Kenneth Ricci*. Manuscript developed for publication.
- Luhan, G. A. (Ed.), (forthcoming). *DigiSpeak*. Publication proposal *ACCEPTED BY* Taylor-Francis (forthcoming), London, UK: Routledge Press.

Recognition (*Publications that reference my research or instruction*):

- Watson, A. (2022, 01 April). Let's all get behind Galveston's Juneteenth museum. *The Daily News-Galveston County (TX)*, A4.
https://www.galvnews.com/opinion/editorials/article_bd644124-62b9-583b-b1f4-2894d8ffd57f.html
- Heath, K. (2022, 29 March). Texas A&M students collaborate on designs for Juneteenth museum in Galveston. *The Daily News-Galveston County (TX)*, A1, A7.
https://www.galvnews.com/news/article_bf866d69-2a90-5bd7-b73b-5eb33b70b59a.html
- Nira, R. (2022, 24 February). Architecture Department Head Elevated to AIA College of Fellows. <https://www.arch.tamu.edu/news/2022/02/24/architecture-department-head-elevated-to-aia-college-of-fellows/>
- Radtke, R., & Luhan, G.A. (2020). *Global Studio | Shanghai + Louisville*. ISBN: 978-0-9983741-4-7, 380 pages, HF Group, IN.
- Marinic, G., Radtke, R., & Luhan, G.A. (2019). *Global Studio | Beijing+ Cincinnati*. ISBN: 978-0-9983741-3-0, 540 pages, HF Group, IN.
- Calhoun, A. & Hawkins, A. (2020, 01 September). Learning in the time of coronavirus.
- Nira, R. (2020, 01 April). Leading educator, architect named new head of Department of Architecture. *Texas Architect*, September/October 2020.
<https://magazine.texasarchitects.org/2020/09/01/learning-in-the-time-of-coronavirus/>
- Mill, M. (2019, 08 August). UK's Luhan Appointed to the Editorial Board of Technology | Architecture + Design. *UKNow*. http://uknow.uky.edu/professional-news/uks-luhan-appointed-editorial-board-technology-architecture-design?j=150489&sfmc_sub=122675991&l=19069_HTML&u=4586910&mid=10966798&jb=0
- Pearson, M., (2019, Spring). A class act. *Kentucky Alumni Magazine (KY)*, 90, (1), pp. 28-29.
- Jones-Timoney, A. & Kiser, K. (2019, 01 March). UK Students Pay Tribute to 'Great Teachers' *UKNow*. http://uknow.uky.edu/campus-news/video-uk-students-pay-tribute-great-teachers?j=104819&sfmc_sub=122675991&l=18505_HTML&u=3156726&mid=10966798&jb=0
- UKAlumniBlog, (2019, 17 January). 2019 Great Teacher Award Recipients Announced <https://ukalumnblog.com/2019/01/17/great-teacher-2019/>
- Donham, D. (2018, 30 March). College of Design professor pens new books. *UKNow*. <https://uknow.uky.edu/campus-news/college-design-professor-pens-new-books>
- Hairston, G. (2018, 13 June). Undergraduate research mentor award winners announced. *UKNow*. <http://uknow.uky.edu/research/undergraduate-research-mentor-award-winners-announced>
- Nira, R. (2018, 10 May). Architecture department showcased student projects at celebration of excellence. *TAMU ArchOne*. <http://one.arch.tamu.edu/news/2018/4/30/architecture-dept-celebrates-excellence>
- Cassis, L. (2017, 04 May). UK honors the 2017-2018 university research professor. *UKNow*. <https://uknow.uky.edu/research/uk-honors-2017-2018-university-research-professors>; <http://www.research.uky.edu/vpresearch/17ResearchProfs.html>
- Wells, J. (2017, 02 May). UK board approves 16 university research professorships. *UKNow*. <https://uknow.uky.edu/research/uk-board-approves-16-university-research-professorships>

- Geegan, S. & Sellars, S. (2017, 03 April). Blue-ribbon committee for graduate education envisions future of graduate student experience. *UKNow*.
<https://uknow.uky.edu/campus-news/blue-ribbon-committee-graduate-education-envisions-future-graduate-student-experience>
- Kocher, G., (2017, 03 March). Five years ago, tornado left Kentucky town in rubble. Has recovery been enough? *Lexington Herald-Leader (KY)*.
- Capilouto, E. (2016, 01 June). Answering Kentucky questions. *UKNow*.
<https://uknow.uky.edu/president-capilouto's-blog/answering-kentucky-questions>
- Mengistu, L., (2016, 21 March). Bringing classes to communities that need it most. *The Kentucky Kernel (KY)*, 1.
- Jones-Timoney, A., Kiser, K., & Hale, W. (2016, 02 March). Designing a more sustainable future for Appalachia: UK Professor connects design concepts with Kentucky communities. *UKNow*. <https://uknow.uky.edu/research/video-uk-professor-designing-more-sustainable-future-appalachia>
- Hale, W. (2016, 01 March). UK Design announces new administrative officers. *UKNow*.
<https://uknow.uky.edu/professional-news/uk-design-announces-new-administrative-officers>
- Luhan, G. & Manczyk, M., (2016). *Visible resonance*. University of Kentucky – Gregory Luhan. Self-published manuscript, ISBN 9781364347048; 140pp.
- Luhan, G. & Manczyk, M., (2016). *absolute value*. University of Kentucky – Gregory Luhan. Self-published manuscript, ISBN 9781364347093; 320pp.
- Luhan, G. & Manczyk, M., (2015). *West Liberty | Building our future*. University of Kentucky – S15 – Gregory Luhan. Self-published manuscript, ISBN 9781364345631; 356pp.
- Luhan, G. & Manczyk, M., (2015). *West Liberty | Revive. Rebuild. Reflect*. University of Kentucky – F14 – Gregory Luhan. Self-published manuscript, ISBN 978136897244; 364pp.
- Fortune, B., (2015, 12 September). Mid-century house is a study in classic style. *Lexington Herald-Leader (KY)*, D1, D4
- Kocher, G., (2015, 18 May). University of Kentucky student's proposal for 'food tower' creates buzz in tornado-ravaged West Liberty. *Lexington Herald-Leader (KY)*.
- Cantrell, M. M., (2015, 07 May). UK students presents economic development concepts at meeting: Model for new Giovanni's unveiled. *Licking Valley Courier (KY)*, pp. 1-3.
- Cantrell, M. M., (2015, 29 January). UK students contributing to rebuilding West Liberty project. *Licking Valley Courier (KY)*, pp. 1, 2.
- Hale, W. (2014, 25 November). Seven projects to receive UK sustainability challenge grants. *UKNow*.
- Stephens, K., (2014). *West Liberty | Moving Forward. Together: Texas A&M University – S14 – Gregory Luhan*. Self-published manuscript, ISBN 9781312165892; 392pp.
- Holman, C., (2014, 27 April). Eco-modern: urban infill 'green' home designed with contemporary style and comfort. *Herald-Leader (KY)*, Front Cover, pp. 16-18.
- Cantrell, M. M., (2014, 20 February). Texas A&M students, faculty visit West Liberty; hold meeting. *Licking Valley Courier (KY)*, pp. 1, 2.
- Cantrell, M. M., (2014, 06 February). Students, faculty of Texas A&M to visit West Liberty. *Licking Valley Courier (KY)*, pp. 2.
- Roenker, R. (2013, October). Affordable new homes: \$1.95 a day total energy usage. *Kentucky Living Magazine (KY)*.
- Hale, W. (2013, 26 April). UK students to present sustainability research at NSF showcase. *UKNow*.
- Green, M., (2012, December). The Lane List: Top architectural design in Kentucky for 2012. *The Lane Report (KY)*, Volume 27, Number 12, pp. 37.
- Kramer, E. (2012, 11 November). Kentucky architectural projects receive awards. *The Courier-Journal (KY)*.
- Sloan, S., (2012, 03 November). Recognizing Livable Art in Kentucky. *Lexington Herald-Leader (KY)*. D7
- Sloan, S., (2012, 02 November). Kentucky architecture awards given. *Lexington Herald-Leader (KY)*.
- Kenning, C., (2012, 16 September). A global thirst for clean water: IdeaFest shines a light on Louisville group's efforts to address world problem. *The Courier-Journal (KY) – Metro Edition*, pp. A1, A14

- Hale, W., (2012, 16 July). UK College of Design named host of mayor's institute on city design. *UKNow*.
- Stock, J., (2012, Fall). An emerging vocabulary: An architecture of performance," *Kaleidoscope Journal of Undergraduate Scholarship (KY)*. **Article selected for publication in the Undergraduate Research Commons, 2014.**
- Thacker, J., (2011, 22 November). Class to solve 'wicked' problems. *The Kentucky Kernel (KY)*, pp.1-2.
- Aretakis, R., (2011, 08 November). Students design house for (Triangle) fraternity. *The Kentucky Kernel (KY)*, pp.1, 2.
- Peterson, E., (2011, 22 September). Green building adapts to various structures, scales in Kentucky architecture. *WFPL.org*.
- Hale, W., (2011, 06 May). State showcases UK energy projects on derby day. *UKNow*.
- Speaks, M., (2011). Design+Energy = Innovation. *CAER-Energia*, Vol. 22, No. 2, pp. 1-3.
- Luhan, G. A., (2011, February). Research update – solar decathlon house back on campus. *UKY - Sustainability Newsletter (President's Sustainability Advisory Committee)*, Volume 2, Issue 3, pp. 5.
- Yanarella, E. J., (2011, 19 January). Gray's 'fresh start' is a new beginning – not a clean slate. *Business Lexington*.
- Busch, K., (2010, December). Making the most of real woods: decorative hardwood plywood-The responsible way to specify rare and precious species. *Interiors and Sources Magazine*, pp. 4, 49-52.
- Perry, B. B., (2010, Fall). Greening the games: Uber-green visitor center makes history! *Bluegrass Green Guide*, pp. 8.
- Hancock, B., (2010, 15 September). UK strives for green. *The Kentucky Kernel (KY)*, pp. 1, 3.
- Tyler, T. J., (2010, Winter). Resonance House | 'Green' house designed to blend in. *Central Kentucky Lifestyle Magazine (KY)*, Volume 7, Number 1, pp. Cover, 9-13.
- Gregory, A. P., (2010, Summer). s•ky blue. *Odyssey Magazine (KY)*, University of Kentucky Research publication, pp. Cover, 6-12.
- Beckham, A., (2010, 14 April). s•ky blue solarhouse opens for tours. *The Kentucky Kernel (KY)*, pp. 1, 3.
- Hale, W., (2010, February). UK takes ninth place at solar decathlon. *UKY - Sustainability Newsletter (President's Sustainability Advisory Committee)*, Volume 1, Issue 2, pp. 1.
- Karpasto, V., (2009, November-December). In gara per il green building: Dopo due anni il parco della casa bianca torna ad ospitare le olimpiadi del sole. *Casa & Clima*, No. 22, pp. 40-45.
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- Tomasulo, K., (2009, 19 October). University of Kentucky's s•ky blue house: Shaker-inspired design and products promote simple living in Kentucky's Solar Decathlon house. *EcoHome Magazine*.
- Mead, A., (2009, 17 October). UK solar house places ninth in national competition. *Lexington Herald-Leader (KY)*.
- Perkowski, K., (2009, 18 October). Solar house places top ten in competition. *The Kentucky Kernel (KY)*.
- Hale, W., (2009, 16 October). UK takes ninth at solar decathlon. *UK News*, pp. 4.
- Sawyers, H., (2009, 16 October). Insulated undulation at the University of Kentucky's s•ky blue house: solar decathlon. *Popular Mechanics*.
- Anderson, L., (2009, 15 October). College green building teams compete in 'solar decathlon.' *USA Today*, pp. D4.
- Kleppinger, B. (2009, 13 October). Danville student part of UK team hoping to win solar decathlon. *The Advocate-Messenger (KY)*.
- Perkowski, K., (2009, 13 October). Solar house currently 13th in competition. *The Kentucky Kernel (KY)*.
- Farrar, L., (2009, 12 October). UK solar home on display in Washington, DC. *Lexington Herald-Leader (KY)*.

Cheyney, T., (2009, 10 October). Solar with a capital "S": Putting a photovoltaic focus on the Solar Decathlon. *PV-Tech.org Daily News*.

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Hale, W., (2009 08 October). Sun shines bright on UK's s•ky blue house. *UK News*.

Hale, W. & Welch, T., (2009, 02 October). DOE solar decathlon coming to National Mall," *UK News*.

Mead, M., (2009, 26 September). UK students' solar house almost ready for contest. *Lexington Herald-Leader (KY)*.

Hale, W., (2009, 22 September). E.ON US sponsors UKY in solar decathlon competition. *UK News*.

Bentey, L., (2009, 22 September). Team prepares house of 'blues' for solar decathlon in DC. *The Kentucky Kernel (KY)*.

Hale, W., (2009, 14 May). Sustainability, sun, and fun. *UK News*.

Wood, C., (2009, 14 May). UK's green team: Solar decathlon – UK Team heads to DC. *Business Lexington (KY)*.

Hale, W., (2009, 04 May). College 'designs' answers to energy concerns. *UK News*.

Roenker, R., (2009, May). Sun power. *Kentucky Living Magazine (KY)*.

Walker, T., (2009, 07 April). Students compete to create most energy-efficient house. *The Kentucky Kernel (KY)*.

Mead, A., (2008, 11 February). UK one of twenty in national solar competition – University Solicits Project Ideas. *Lexington Herald-Leader (KY)*.

Hale, W., (2008, September 01). Silver stamp of approval. *UK News*, pp. 4.

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Mead, A., (2008, 16 August). It's the greenest house in Kentucky. *Lexington Herald-Leader (KY)*, pp. C1.

Heilenman, D., (2008, 25 May). Modern love: time for preserving modernist design has drawn upon us. *The Courier-Journal (KY)*, Section: Arts & Travel, pp. 1-2.

Mullen, J., (2009, 17 April). Solar team draws closer to design for national contest. *The Kentucky Kernel (KY)*.

Vachon, J., (2008, 28 February). Green designs sought for solar house. *The Kentucky Kernel (KY)*.

Hale, W., (2008, 27 February). Students asked to create solar house designs. *UK News*.

Kernel Editorial Board. (2008, 11 February). Solar house project calls for broad effort from UK community. *The Kentucky Kernel*.

Hale, W., (2008, 06 February). Contest asks state – What about blue is green. *UK News*.

Kresslein, A., (2008, 04 February). UK to compete for best solar house design. *The Kentucky Kernel (KY)*.

Hale, W., (2008, 29 January). UK to compete in international solar decathlon. *UK News*.

Luhan, G. A., (2008, 11 January). Finding a Voice in Collegetown. *Business Lexington (KY)*, pp. 18-19.

Hale, W., (2007, 03 December). Conceptualizing 'College Town.' *UK News (KY)*, p.4.

Clark, R., (2007, 30 November). Designing a new city. *Business Lexington (KY)*, pp. 38.

Melwing, E., (2007, 20 November). Envisioning a Collegetown: Design Students Create Proposals to Link UK with Downtown and Transy. *The Kentucky Kernel (KY)*, pp. 1, 3.

Fortune, B., (2007 16 November). Architecture students rethink downtown. *Lexington Herald-Leader (KY)*, pp. C1, C3.

Hewlett, J., (2007, 03 November). Exemplary living: Professor researching Kentucky's modern homes finds a gem to call his own. *Lexington Herald-Leader (KY)*, pp. E1, E6.

Kernel Editorial Board, (2007, 12 November). Editorial: College-town plans are worth pursuing despite high cost. *The Kentucky Kernel (KY)*, pp. 6.

Melwing, E., (2007, 31 October). College-town planners seek help from UK. *The Kentucky Kernel (KY)*, pp. 1, 3.

Hewlett, J., (2007, 25 October). Proposal: Make Transy Part of Collegetown. *Lexington Herald-Leader (KY)*, pp. B1, B4.

Brake, A. G., (2007, May). My new Kentucky home: An interdisciplinary group of students proves that modern design can work in a historic area. *Metropolis Magazine*, pp. 8, 62.

- Heilenman, D., (2007, 22 April). Design students' projects have public impact. *The Courier-Journal (KY)*, Arts Section, pp. 16.
- Mead, A., (2007, 04 February). This copper house is green to its roots: University design cuts waste, saves energy. *The Washington Post (DC)*, pp. F25.
- (2007, 04 February). Copper house has a heart that's green. *The Orlando Sentinel (FL)*.
- (2007, 27 January). KY copper house is green with energy. *The Capital (MD)*, pp. D12.
- (2007, 28 January). Couple saw copper house and it was love at first sight. *The Seattle Times (WA)*, Business & Technology Section.
- (2007, 20 January). First published as The 'Copper House' is green with energy: UK project easy on the environment. *Lexington Herald-Leader (KY)*, pp. G1, G6.
- Anderkin, R., (2006, 07 December). Representatives of Design Lab have grand ideas for Livingston School. *The Mount Vernon Signal (KY)*, pp. 1A, 12A.
- Cawley, L., (2006, 06 October). Building a greener bluegrass: Energy-efficient homes strike chord with cost-conscious consumers. *Business Lexington (KY)*, Vol. 2, Issue 20, pp. 26.
- Breslin, A., (2006 August). Habitat partners work hand in hand: UK design team provides unique expertise. *Chevy Chaser Magazine (KY)*, Vol.10, No. 8., pp. 30-32.
- Hale, W., (2006, 06 February). Digital design conference coming to UK: Meeting will bring leading researchers to Kentucky this fall. *UK News*, p 3.
- Jester, J., (2005, 08 December). This home by digital design: project is marked by innovation. *Lexington Herald-Leader (KY)*, pp. C1, C3.
- Hale, W., (2005, 02 December). Professor wins awards for digital design. *UK News*.
- Hale, W., (2005, 16 September). Resonance House on Lexington's urban life and style tour. *UK News*.
- Adkins, D., (2004, 13 December). Students explore social entrepreneurship in IDEAS program. *UK News*.
- Brake, A. G., (2004, 17 October). New books focus on city's architecture, landscape: Both reflect growing interest in heritage. *The Courier-Journal (KY)*.
- Luhan, G. A., (2004). University of Kentucky, College of Architecture. *Form Z Joint Study 2003-2004 Annual Report*, pp. 222.
- Lewis, G., (2003, 03 June). Design students display drawings. *UK News*.
- Luhan, G. A., (2003). University of Kentucky, College of Architecture. *Form Z Joint Study 2002-2003 Annual Report*, pp. 214-216.
- Luhan, G. A., (2002). University of Kentucky, College of Architecture. *Form Z Joint Study 2001-2002 Annual Report*, pp. 337-339.
- Editorial, (2002, 22 September). Hey! Is anybody out there? *Lexington Herald-Leader (KY)*, pp. B1.
- Editorial, (2002, 29 September). Carving foundations. *Messenger-Enquirer (KY)*.
- Luhan, G. A., (2001). University of Kentucky, College of Architecture. *Form Z Joint Study 2000-2001 Annual Report*, pp. 243.
- Morgan, N., (2001, 28 November). Factory to rise from Woolworth's remains. *Lexington Herald-Leader (KY)*, Metro Final Edition, pp. A1, A12.
- Jordan, J., (2001). UK rekindles hope for old Woolworth's. *Lexington Herald-Leader (KY)*, Business Monday, pp. 3.
- Luhan, G. A., (2000). University of Kentucky, College of Architecture. *Form Z Joint Study 1999-2000 Annual Report*, pp. 309-310.
- Luhan, G. A., (1999). University of Kentucky, College of Architecture. *Form Z Joint Study 1998-1999 Annual Report*, pp. 222.
- Scanlon, L., (1999, 17 November). Art, environment, architecture play roles in festival of faiths. *Courier-Journal (KY)*, Metro Section, pp. B1.
- Editorial, (1999, 13 November). UK team creates a virtual new look. *Lexington Herald-Leader (KY)*, pp. C1.
- Clem, P., (1999, 25 March). A little shelter: architecture students design personal shelters for homeless, take lessons in structure, form, and space in process. *Kentucky Kernel (KY)*.

Research Grants/Awards:

Awards (External):

- FAIA. (2022). Elevated to the College of Fellows in the American Institute of Architects (AIA), *one of 35 architects elevated in the history of the Kentucky Society of Architects and one of 3% of architects elevated nationally since 1870.*
- Prose Award. (2021). 2021 AAP | Association of American Publishers Award, Best New Journal in Humanities & Social Sciences Finalist, Technology | Architecture + Design, Caryn Brause, Chris Ford, Chad Kraus, Gregory Luhan, Scott Murray, Winifred Elysse Newman, Clare Olsen, Jeana Ripple, Anne-Catrin Schultz, Marci Uihlein, Julian (Jialiang) Wang, and Andrzej Zarzycki, Taylor & Francis Group
- Service Award, Association of Collegiate Schools of Architecture (ACSA), 2016
- Commissioned as a Kentucky Colonel by Governor Steven Lynn Beshear and Secretary of State Alison Lundergan Grimes, Honorable Order of Kentucky Colonels, 08 May 2013; Member, Honorable Order of Kentucky Colonels, 2013-present
- Innovation Award, National Association of Development Organizations (NADO) Research Foundation, Houseboat to Energy Efficient Residences (HBEER), 2012
- ky blue solar house, 2012 Kentucky Society's "Honor Award for Achievement of Excellence in Architectural Design," AIA-KY, 2012
- ky blue solar house, Honorable Mention, Top 10 Finish - 9th of 20 International Teams (1 of 20 selected to participate from 145 team submissions), 2009 Department of Energy, DOE Solar Decathlon
- Resonance House – LEED for Homes Silver Certification, US Green Building Council, 08 August 2008
- Resonance House – Winner of the 2007 New Construction Award presented by the LFUCG-Historic Preservation Commission, 2007

Awards (Internal):

- Luhan, Gregory A., Office of Undergraduate Research, **Mentor of the Week**, January 2019
- Luhan, Gregory A., The Eleventh Annual Excellence in Undergraduate Research Mentor Award, Office of Undergraduate Research, **Mentor of the Year Award Winner** (1 of 30 Nominees – April 2018), 2018
- Luhan, Gregory A., Office of Undergraduate Research, **Mentor of the Week**, January 2018
- Luhan, Gregory A., **University Research Professor**, 02 May 2017; University of Kentucky Board of Trustees and Office of the Vice-President for Research, Plaque, \$10,000, 2017-present
- Luhan, Gregory A., **Dean's Award for Excellence**, Design Research, Award Certificate and \$500, Awarded 01 March 2015 (26 March 2015).
- Luhan, Gregory A., Selected as one of six University of Kentucky Representatives to the 2014 Bluegrass Higher Education Consortium Academic Leadership Academy. [Mark Prendergast, *Psychology*; Julie Lowman, *Communication Sciences & Disorders*; Gregory Luhan, *Design-Architecture*; Nicole Huberfeld, *Law*; Kelly Webber, *Dietetics & Human Nutrition*; Lien-Hang Nguyen, *History*], 03 January 2014 (Training Completed: 15 May 2014).

Grants (Pending Submission or Recently Submitted):

- Luhan, G.A., and Sauber, H. Buffalo Gap: Phase 1, Buffalo Gap Foundation, \$40,650 (Submitted 15 April 2022).
- Luhan, G.A., Sauber, H., Cooper, J., and Masterson, J. Juneteenth Museum - Galveston: Phase 1, Mitchell Foundation, \$350,000 (Submitted 15 January 2022).
- Luhan, G.A., Sauber, H., Newman, G, and Suermann, P., Research in Housing Technologies. Systems Building Research Alliance (SBRA), \$1,000,000 (Submitted 15 December 2021).

External (Funded):

- Principal Investigator, "Juneteenth," Research, \$50,000, 2022-2023
- Co-Principal Investigator with Dr. Zofia Rybkowski (Construction Science), "Solar Decathlon 2023: Solar Texas | A Proposal from Texas A&M University," US Department of Energy (DOE) and National Renewable Energy Laboratory (NREL), Research, \$50,000, 2021-2023
- Luhan, Gregory A., Co-Principal Investigator with Rebekah Radtke and Jeffrey R. Johnson, 2020 University of Kentucky Confucius Institute China in the Colleges Grant, "Extended Influences – Learning from China to Inform Kentucky – Shanghai to Louisville," \$10,000, Submitted 15 January 2020; Awarded \$10,000, 01 May 2020.
- Luhan, Gregory A., Co-Principal Investigator with Dr. Gregory Marinic, Rebekah Radtke, and Jeffrey R. Johnson, 2019 University of Kentucky Confucius Institute China in the Colleges Grant, "Extended Influences – Learning from China to Inform Kentucky – Beijing to Cincinnati," \$10,000, Submitted 20 February 2019; Awarded \$10,000, 22 May 2019.
- Luhan, Gregory A., 2019 University of Kentucky Confucius Institute Faculty International Travel Grant, "Analyzing the Chinese Built Environment to Inform Kentucky-Beijing," Awarded \$2,500, 2019.
- Luhan, Gregory A., Co-Principal Investigator, Sustainability Challenge Grant, "Integrating the S.KY BLUE Solar House into the UK Organic Farming Unit," \$47,118 Interdisciplinary, Collaborative Grant proposal with Dr. Mark Williams (Sustainable Agriculture), M., Dr. Carline Segura (Horticulture), C., & Dr. Joseph Dvorak (Machine Systems Automation Engineering), University of Kentucky, submitted 15 October 2017; Accepted 21 November 2017.
- Luhan, Gregory A., Co-Principal Investigator with Dr. Alison F. Davis, Dr. Nancy Schoenberg, and Karen Fawcett, "Investigating the Capacity of a Re-Envisioned Cooperative Extension System to Build a Culture of Health," Robert Woods Foundation, White Paper for an interdisciplinary grant proposal. Focus area - Cluster 1: Housing, Economic Development, and Community Design. College of Public Health, College of Design, College of Agriculture, and College of Education, \$142,667, Submitted 18 April 2017; Accepted 06 June 2017.
- "21st Century Learning Spaces," 2016-2022 The Association for Learning Environments (A4LE), Student Enhancement Award, \$18,000 (\$3,000 per year x 6 years), 2016-present.
- "Measuring Design Impact," 2014-2015 SEC Faculty Collaborative Enhancement Travel Grant, Southeastern Conference Universities, University of Kentucky Recipient, \$2,500, 2014.
- Texas A&M University – College of Architecture, [Department of Architecture], William W. Caudill Endowed Graduate Student Research Fellowship in Architecture, \$105,702, 2013-2015.
- Co-Principal Investigator with Braden T. Lusk and Catherine Johnson, "Experimental Mine – Facility Design: Health and Safety Training Facility and Research Laboratory," Kentucky State Legislature Appropriation, \$350,000, Department of Mining Engineering \$265,000, College of Design, \$85,000, Summer 2014.
- "Across Disciplines | Triggering Frame Awareness in Design Education," The XVII Congreso de la Sociedad Iberoamericana de Grafica Digital Conference - Sigradi 2013, Universidad Tecnica Federico Santa Maria, Valparaiso, Chile, Travel funding, Texas A&M University, College of Architecture, Department of Architecture – 2012-2013 Research Initiative, \$3,500, 2013.
- "Teaching with BIM | Interdisciplinary Exchanges," eCAADe Conference Travel funding, Texas A&M University, College of Architecture, Department of Architecture – 2012-2013 Research Initiative, \$3,000, 2013.
- Principal Investigator, TVA Mitigation Proposal, "Modular Research and Design Project," Kentucky Cabinet for Energy and the Environment, \$1,123,342 (\$244,000 Southern Tier Housing, \$336,671 College of Design, \$542,671 KHIC), submitted 15 October 2012. Awarded \$336,671, College of Design, 19 December 2012.
- Co-Principal Investigator with Michael Speaks, Project Manager, Mayor's Institute on City Design, National Endowment of the Arts (NEA), Co-sponsored by the American Architectural Foundation (AAF) and the United States Conference of Mayors, 2012

Regional Institute Sessions Partners, (10-12 October 2012), Funded Proposal, \$50,000, 2012

Co-Principal Investigator with Dusan P. Sekulic, Gregory A. Luhan, Fazleena Badurdeen, Margaret J. Schroeder, Leslie H. Vincent, "Systems Thinking for Sustainability: TUES-Phase 1: Exploratory," National Science Foundation (NSF), Research, \$200,000 [\$80,000 Engineering; \$40,000 Design, Business, and Education], 2011-2014

Co-Principal Investigator with Donald Colliver (Agriculture) and Hilary Bryon (Architecture) "Solar Decathlon 2009: SMART BLUES | A Proposal from the University of Kentucky," US Department of Energy (DOE) and National Renewable Energy Laboratory (NREL), Research, \$100,000 [\$50,000 Agriculture; \$50,000 Design], 2007-2009

"Infill House – Design-Driven Solutions," Exhibition, Fabrication, Research, \$4,500 gift, 2004-2005

Co-Principal Investigator with Gabriel Wilmoth, Dr. Bruce Walcott, Gregory A. Luhan, and Eric Scorsone, "AIN – Housing for Eastern Kentucky" NCIIA Collaborative Innovations Project Grant, \$11,500 (\$6,500 NCIIA, \$5,000 UK), 2004

Principal Investigator, "Louisville Modernism," Transcription Grant – 2, Proposal written for the Kentucky Oral History Commission, \$3,600, 2004

Principal Investigator, "The Louisville Guide," Publication Grant Proposal written for and supported by the Graham Foundation, \$5,000, 2004

Preservation Kentucky – Community Scholars Program Award Recipient, National Trust for Historic Preservation Conference, \$355, 2004

Co-Principal Investigator with Lisa Tilder, The Ohio State University, Karl Daubmann, Assistant Professor, The University of Michigan, Julie Kim, Associate Professor, The University of Detroit Mercy, Kevin Klinger, Assistant Professor, Ball State University, "Mediations: A Traveling Exhibition," ACSA East Central Collaborative Project Grant, \$1,200, 2004

Principal Investigator, "Louisville Modernism," Transcription Grant - 1 Proposal written for the Kentucky Oral History Commission, \$3,456, 2003

ACSA, \$150 mini-grant, Travel, *Architecture Review*, Kent State University, 2002

"Deep-Time Probe | Mission Wall: Idea Festival," Exhibition/Fabrication, 2002
Corporate Sponsorship, \$10,000, Congleton Lumber Company, Home Depot-Turfland Mall, General Rubber and Plastics, Jiffy Fastening Systems, Porter Paints-Main Street, Tate Hill Jacobs Architects, EOP Architects, and Ms. Louise Bast Stokes

"Louisville Modernism: Critical Regionalism--1940-1980," \$2,916 grant, Kentucky Oral History Commission, 25 Oral History Interviews, 2002

"Virtual Raves in Synthetic Landscapes: Ephemeral Occupations of Capitalist Ruins," Exhibition, Corporate Sponsorship, \$45,000, Regal Plastics, Nashville, Kentucky, Plastics Fabrication, 2000

"Virtual Raves in Synthetic Landscapes: Ephemeral Occupations of Capitalist Ruins," Exhibition, Corporate Sponsorship, \$5,400, Lynn Blueprint, Lexington, Kentucky, Digital Media, 2000

"Interpretations of R.M. Schindler: Space within Synthetic Landscapes," \$5,000 Research Fellowship *Sunshine Architecture Fellowship*, 2000

ACSA/Massachusetts Institute of Technology, \$500 mini-grant, *Emerging Technologies Conference*, 2000

IFCCA--Urban Cities Design, \$10,000 Grant, research and digital modeling for the International Competition – Design of Cities: New York, 1998

American Institute of Architects/American Architectural Foundation Scholarship, 1997

Princeton University [School of Architecture] Scholarship, \$83,640, 1996-98

Internal (Funded):

Luhan, Gregory A., Principal Investigator, Texas A&M University, Melbern G. Glasscock Center for Humanities Research Grants, awarded \$2,500 in support of the Beginning Design Conference keynote lectures and website development, 2021

Luhan, Gregory A., Co-Principal Investigator with Dr. Gregory Marinic and Rebekah Radtke, "Global Studio: South Africa; Contested Territories: A Cross-Cultural Study of Equity

- and Inclusion in the Build Environment,” Research travel funding, University of Kentucky-College of Design – 2018-2019 Research Initiative, \$5,221, awarded 26 February 2019
- Luhan, Gregory A., Principal Investigator, eLearning Innovation Initiative (eLii) Faculty Development Grant, “Innovations and Design Lab | eTranslations,” \$6,000, submitted 01 December 2015; awarded 10 March 2016.
- Luhan, Gregory A., Principal Investigator, eLearning Innovation Initiative (eLii) Proposal, “eTranslation – Parallel Pathways to Preservation | An Online Masters of Historic Preservation Degree Program – Phase 2,” \$200,000 Interdisciplinary, Collaborative Grant proposal with Dr. Allison Carll, (Curriculum and Content Experts: Julie Riesenweber, Douglas Appler, Travis Rose, Wallis Miller, Emily Bergeron), University of Kentucky, eLearning Innovation Initiative (eLii), submitted 01 October 2015; awarded 01 December 2015; 2016-2017.
- Luhan, Gregory A., Principal Investigator, eLearning Innovation Initiative (eLii) Proposal, “eTranslation – Parallel Structures | An Online Masters of Historic Preservation Degree Program – Phase 1,” \$141,247 Interdisciplinary, Collaborative Grant proposal with Dr. Allison Carll, (Curriculum and Content Experts: Julie Riesenweber, Douglas Appler, Travis Rose, Emily Bergeron), University of Kentucky, eLearning Innovation Initiative (eLii), submitted 02 September 2014; awarded 01 March 2015; 2015-2016.
- Luhan, Gregory A., Principal Investigator, Sustainability Challenge Grant, “Big Blue Impact | Making Sustainability Visible,” \$10,000 Interdisciplinary, Collaborative Grant proposal with Dr. Derek Eggers, Dr. Melody Carswell, Dr. Adam Lindstrom, Dr. Noah Adler, University of Kentucky, submitted 15 October 2014; awarded 10 November 2014.
- University of Kentucky, PresentationU | Cohort#2 Faculty, “Developing Multimodal Integration for the 21st Century Design Studio,” \$3,000, University of Kentucky, submitted 01 July 2014; awarded 27 August 2014; (2014-2015)
- “HBEER | World of Modular Presentation,” Research travel funding, University of Kentucky-College of Design – 2012-2013 Research Initiative, \$2,500, 2012.
- “KNK Computerized Cutting System,” Research equipment funding, University of Kentucky-College of Design – 2012-2013 Research Initiative, \$800, 2012.
- “Design Knowledge - Prototypical Architectural Delivery,” Research publication funding, University of Kentucky-College of Design – 2009-2010 Research Initiative, \$3,590, 2010
- “The Modern House Kentucky – Photography,” Research publication funding, University of Kentucky-College of Design – 2008-2009 Research Initiative, \$4,200, 2009
- “Documenting New Orleans NOW,” Research publication funding, University of Kentucky-College of Design – 2007-2008 Research Initiative, \$1,656, 2008
- “Digispeak – Digital Vocabulary,” Research publication funding, University of Kentucky-College of Design – 2007-2008 Research Initiative, \$2,144, 2008
- “Scalar Representations-Using Digital Technology in Architecture, Historic Preservation, and Interior Design-A Collaborative Hands-on Approach Using Digital-to-Digital Applications,” Fabrication Equipment, Research, University of Kentucky, TASC-TTI, \$38,500, (\$12,000 TASC, \$18,500 Universal Laser, \$8,500 College of Design), 2006
- “Digital Media within Architecture,” Research publication funding, University of Kentucky-College of Design – 2005-2006 Research Initiative, \$1,800, 2005
- Principal Investigator, “*Campus Typologies - University of Kentucky*,” \$6,000, University of Kentucky Summer Faculty Fellowship, University of Kentucky, Vice-President for Research, 2003
- University of Kentucky, \$5,000 (\$4,000 Associate Provost, \$1,000 College of Design), *Campus Typologies – University of Kentucky*, Research Assistant funding, 2003
- University of Kentucky, \$1,078.20 mini-grant, Travel, *SESAH/SECAC Conference*, 2002
- Principal Investigator, “Louisville Modernism: Critical Regionalism--1940-1980,” \$5,000 grant, University of Kentucky Summer Faculty Fellowship, 2002
- “Louisville Modernism: Critical Regionalism – 1940-1980,” \$800 grant, University of Kentucky, Center for Architecture and Historic Preservation, Oral History Interviews, 2002

University of Kentucky, Research and Design of the Center for Visualization Research, \$15,250, Grant proposal written for Vice-President for Information Technology, 2001
University of Kentucky, \$1,000 mini-grant, Travel, *Syllabus.com Convention*, 2001
University of Kentucky, \$700 mini-grant, Research/Travel, *Convergence Conference*, 1999

Certifications:

Collaborative Institutional Training:

Multicultural Training, International Mentoring Association + Southeastern Conference (SEC) + University of Florida, Multicultural Mentoring Certificate, 29 March 2022
CITI Collaborative Institutional Training Initiative, Record ID: 21762570 (UKY) 31086119 (A&M), Human Research Curriculum, Group 2: SBR-Social/Behavioral Investigators and Key Personnel, IRB Social Basic Course/1, Reference #1, 12402828, since 28 June 2011 (Certification expires, 05 December 2025); Reference #2, 11982698, 26 June 2014 (Certification expires, 05 December 2025).

Competitions:

Refereed International & National Competitions:

2023 Solar Decathlon Competition, hosted by the US Department of Energy, **Semifinalist**,
2023 Solar Decathlon Build Competition, 2022-2023
2009 Solar Decathlon Competition, hosted by the US Department of Energy, **Top 10 Finish, Ninth Place of 20 International Teams; [Honorable Mention]**
ACADIA/IJAC 2007 Cover Image Competition, hosted by the Association for Computer-Aided Design in Architecture in collaboration with the International Journal of Architectural Computing, with Kevin Klinger and Joshua Vermillion, **[Honorable Mention]**
Norwalk Housing Authority, Housing Design Competition, Norwalk, Connecticut, 2004 with Joseph P. Ferrucci
Hong Kong/West Kowloon Reclamation International Design Competition, Hong Kong, 2001, with Hugh Bennett, Architects Inc.
Lexington Courthouse Plaza National Design Competition, Lexington, Kentucky, 2001 with Melody Farris-Jackson
St. Francis High School National Design Competition, Louisville, Kentucky, 2000 in Association with David Biagi, RA, Shelbyville, KY, [Finalist]
Princeton Municipal Town Hall Competition, 1997 with Kenneth Ricci, FAIA, April D. Pottorff, AIA
Most Beautiful House Competition, 1992 with Michael McInturf, AIA
Jones Memorial Library Competition, 1990 with Rudy Hunziker, Architteto
A Monument for the City of Richmond, Virginia, 1989
Spring Garden College Scholarship Competition, 1985, First Place, [Full Scholarship]

Exhibitions:

“Solar Texas,” 2022 Fresh Vision, College Station, TX, 15 May – 01 September 2022, Exhibition title: “*Solar Texas | TAMU SD2023 Build, 2023 US Solar Decathlon.*”
“Discovering Learning,” 2017 Twelfth Annual Association for Learning Environments (A4LE) Kentucky Chapter Conference, Discovering Learning at All Scales, Lexington, KY, 15 November 2017, Exhibition title: “*21st Century Learning Environments | Sustainable Justice.*”
“Re-Envisioning Juvenile Justice Educational Environments: Inspire. Integrate. Innovate.” 2017 American Institute of Architects–American Academy of Justice Fall Conference, Cincinnati, OH, 30 October 2017, Exhibition title: “*21st Century Learning Environments | Sustainable Justice.*”
“Educational Trends and Alternative Learning Spaces,” 2016 Eleventh Annual Association for Learning Environments (A4LE) Kentucky Chapter Conference, Enhancing the Educational Experience, Lexington, KY, 16 November 2016, Exhibition title: “*21st Century Learning Environments | From Mainstream to STEAM.*”

“Fabricate 2015 - Data Driven Installations Workshop,” 2015 AIAS Midwest Quad Conference, Lexington, KY, 10-12 April 2015, Exhibition Title: “Making Sustainability Visible”, Workshop Leaders: Gregory Luhan, Derek Eggers, Murali Paranandi, Brian Peters, and Andrew Wit, Rasdall Gallery, University of Kentucky, 11 April – 29 April 2015 — *Sponsored by the University of Kentucky, Office of Sustainability, Big Blue Impact research grant*

“ACADIA @ Digital Aptitudes,” 2012 ACSA National Conference, Boston, MA, 29 February-05 March 2012, Exhibition Title: ‘Synthetic Landscapes’ Collaborative exhibition, Ronnie Parsons, Gil Akos, Andy Payne, Kyle Miller – Sponsored by ACADIA, ACSA, and Objet

“Governor’s Derby Celebration at the Capitol | Energy Conservation Initiatives,” Capitol Education Center, Frankfort, KY, May 04-15, 2011, Exhibition Title: ‘Live.Light – The s•ky blue solarhouse’

“DEI + Design Energy Initiatives” LOT Gallery, Lexington, KY, 07 May – 15 June 2009, Exhibition Title: S•KY Blue – SD2009

AIA150 Central Kentucky Chapter Exhibition of Built Work, Victorian Square, Lexington, KY, Exhibition, 15 April-15 September 2007, Exhibition Title: ‘The Resonance House’

University of Colorado, Boulder, CO, Exhibition, 11-25 October 2006; Denver, CO, Exhibition, 25 October-22 November 2006, Exhibition Title: ‘*Between Two Extremes – The Installations-Inhabitations of Gregory Luhan*’

George Washington Masonic Memorial, Alexandria, VA, CAUS Alumni Exhibition, 29 October 2004, Exhibition Title: ‘*Digital Interchanges: Installations and Recent Projects*’

The Arts Place, Lexington, Kentucky, Bluegrass Tomorrow, Downtown Design Charrette, Spring 2004, Exhibition Title: ‘*Corner of Rose and Main Street*’

UDS Gallery, 507 South Third Street, Louisville, Kentucky, September 18, 2000-October 14, 2000, Exhibition Title: ‘*St. Francis Competition Finalist Exhibition*’

University of Kentucky, College of Architecture, Lexington, Kentucky Downtown Design Center, Fall 1999, Exhibition Title: ‘*One House, Two Sites, Three Spaces--Recent Projects*’

University of Kentucky, College of Architecture, Lexington, Kentucky Downtown Design Center, Spring 1999, Exhibition Title: ‘*Negotiating Urban Space--Recent Projects*’

8th Floor Gallery Exhibition, New York, New York, 1997, Exhibition Title: ‘*Between Hard and Soft: Encountering Architecture*’-- *Unbuilding the City: Occupying the In-Between*

Sessions/Panels/Paper Reviews:

*** *FWF is Austria's central body for the promotion of basic research, similar to the US National Science Fund (NSF) or the Research Councils in Great Britain.*

Scientific Committee, (2022). “*Virtual and Augmented Environments*” and “*Machine Learning and Artificial Intelligence*,” 2022 ACADIA International Conference, “Hybrids & Haecceities,” 26-29 October 2022, Weitzman School of Design, University of Pennsylvania.

Session Moderator, (2022). “*Special Focus Session: Between Sensing and Acting – Intelligence and Histories – Technology Architecture + Design (TAD)*,” 20 May 2022, The 110th ACSA Annual Conference – ACSA 2022, 18-20 May 2022, University of Southern California, Los Angeles, CA (Virtual).

Session Moderator, (2022). “*Special Focus Session – Digital Technology – Innovation Across Scales and Territories*,” 20 May 2022, The 110th ACSA Annual Conference – ACSA 2022, 18-20 May 2022, University of Southern California, Los Angeles, CA (Virtual).

Manuscript Reviewer, (2022). “*Histories*” in *Translations TAD | The Journal of Technology Architecture + Design*, 6 (1).

Scientific Committee, (2021). “*Interdisciplinarity, and Experiments in Collaboration*” and “*Intersectionality in Computational Design*,” 2021 ACADIA International Conference, “REALIGNMENTS: Toward Critical Computation,” 03-06 November 2021, Online + Global.

Manuscript Reviewer, (2021). “*Designing Intelligence*” in *Translations TAD | The Journal of Technology Architecture + Design*, 5 (2).

- Manuscript Reviewer, (2021). “Open - Method” in *Translations TAD | The Journal of Technology Architecture + Design*, 5 (1).
- Manuscript Reviewer, (2020). “Building translations – Emerging technologies that impact building design, performance, and operation” in *Construction Robotics*, 1 (1).
- Manuscript Reviewer, (2020). “Matter” in *Translations TAD | The Journal of Technology Architecture + Design*, 4 (2).
- Scientific Committee, (2020). “Disruptive Modes of Practice” and “Historical, Theoretical, and Critical Analysis of Architectural Design and Production, 2020 ACADIA International Conference, “Distributed Proximities,” 26-31 October 2020, Weitzman School of Design, University of Pennsylvania.
- Scientific Committee, (2020). “Education and Digital Theory,” and “Design and computation of urban and local systems,” in *eCAADe 2020 – ANTHROPOLOGIC | Architecture and Fabrication in the Cognitive Age Context: From Smart to Behavioral, From Digital to Material*, 16-18 August 2020, Technical University of Berlin - Institute of Architecture, Berlin, Germany.
- Scientific Committee, (2019). “Digital Technology and Pedagogy,” in *ACSA 2020 REINVENTED*, ACSA 108th Annual Conference, 12-14 March 2020, San Diego, CA.
- Manuscript Reviewer, (2019). “Building translations – Emerging technologies that impact building design, performance, and operation” in *Translations TAD | The Journal of Technology Architecture + Design*, 4 (1).
- Manuscript Reviewer, (2019). Dynamic Information Modeling Technical Review Committee, “Ubiquity & Autonomy,” 2019 ACADIA International Conference, 24-26 October 2019, University of Texas, Austin, TX.
- Scientific Committee, (2019). “Architecture in the Age of the 4th Industrial Revolution,” The XXIII Congreso de la Sociedad Iberoamericana de Grafica Digital Conference - Sigradi 2019 + 2019 eCAADe Conference (Education and Research in Computer Aided Architectural Design in Europe), 11-13 September 2019, University of Porto, Porto, Portugal.
- Manuscript Reviewer, (2019). “Deductive, Inductive... Adaptive Methods in Architectural Design,” in *BLACK BOX: Articulating Architecture's Core in the Post-Digital Era*, 2019 ACSA 107th Annual Conference, 28-30 March 2019, Carnegie Mellon University, Pittsburgh, PA.
- Expert Technical Review Panelist, (2018). “2018-2019 Sustainability Challenge Grant Projects,” 15 October – 15 November 2018, University of Kentucky, Office of Sustainability
- Expert Juror Panelist, Chair, (2018). “5 Minute Fast Track research presentation competition,” Preliminary Rounds - October 22-23, 2018 + Final Championship Round - November 01, 2018 University of Kentucky, Office of Undergraduate Research + Chellgren Center for Undergraduate Excellence, Lexington, KY.
- Manuscript Reviewer, (2018). “Re/calibration: On Imprecision and Infidelity,” 2018 ACADIA International Conference, 18-20 October 2018, Universidad Iberoamericana, Mexico City, Mexico.
- Manuscript Reviewer, (2018). “Foreseeable Technologies: Generative and Applied Research for the Twenty-First Century,” in *Urbanizing TAD | The Journal of Technology Architecture + Design*, 3 (1).
- Expert Juror Panelist, Chair, (2018). “Celebration of Excellence - Masters Projects,” 07-09 May 2018, Texas A&M University, College of Architecture, Department of Architecture, College Station, TX.
- Manuscript Reviewer, (2018). “Predicted Performance: Emerging Project Delivery Methods,” in *Measured, TAD | The Journal of Technology Architecture + Design*, 2 (2).
- Scientific Committee, (2017). “Resilience Design,” 22 November 2017, The XXI Congreso de la Sociedad Iberoamericana de Grafica Digital Conference - Sigradi 2017, 22-24 November 2017, Facultad de Arquitectura, Urbanismo y Geografía de la Universidad de Concepcion, Concepcion, Chile.

- Manuscript Reviewer, (2017). *"Disciplines & Disruptions–The State of Computation in Architecture,"* 2017 ACADIA National Conference, 02-04 November 2017, MIT, Cambridge, MA.
- Manuscript Reviewer, (2017). *"Constraint-based Modeling"* in Simulations: Modeling, Measuring, and Disrupting Design, *TAD | The Journal of Technology Architecture + Design*, 1 (2).
- Expert Panelist, (2017). *"Pending Education Issues in Kentucky,"* 14 February 2017, Panel Respondent to Governor Matt Bevin, Kentucky House and Senate Committees for Higher Education, and the Council on Postsecondary Education (CPE), organized by the Bluegrass Higher Education Consortium Academic Leadership Academy Committee in cooperation with Association of Independent Kentucky Colleges & Universities (AIKU), "Emerging Leaders in Higher Education from the Bluegrass Region," General Assembly, State Capitol, Frankfort, KY.
- Paper/Project Reviewer, (2017). *"Architecture in an Expanded Field, from Interiors to Landscapes,"* Brooklyn say Move to Detroit, 2017 ACSA 105th Annual Conference, 23-25 March 2017, Detroit, MI.
- Expert Grant Referee, (2016). In the Translational Research Programme (TRP) for the Austrian Science Fund (**FWF), "Final Report Review for Project #P-29272-N35 | Adaptive Planar Meshes for Architectural Free-Form Design – By Urs Leonhard Hirschberg," April 2016.
- Expert Grant Referee, (2015). *Scholarship Incentive Program (SIP) Grant Program*, University of Utah, College of Architecture + Planning, 01-06 November 2015.
- Manuscript Reviewer, (2015). *"Parametric Computation"* in Scholarship of Design, *Journal of Architectural Education*, 70 (2).
- Session Moderator, (2015). *"Special Focus Session – Housing Design Education,"* 20 March 2015, The 103rd ACSA Annual Conference – ACSA 2015, 19-22 March 2015, University of Toronto, Toronto, Ontario.
- Session Moderator, (2015). *"Special Focus Session – Collaborative Practice,"* 20 March 2015, The 103rd ACSA Annual Conference – ACSA 2015, 19-22 March 2015, University of Toronto, Toronto, Ontario.
- Paper Reviewer, (2014). *"Materials and Fabrication | Investigations into Architectural Applications of New Materials and Fabrication Technologies,"* Intersections Between the Academy and Practice: Applied Research in Architecture Education that Advances Practice, 2015 AIA/ACSA Intersections Conference, 13 May 2015, Atlanta, GA.
- Paper Reviewer, (2014). *"Design Agency: Intelligent Boundaries – Experimentation and Fabrication,"* 2014 ACADIA National Conference, 23-25 October 2014, Los Angeles, CA.
- Session Moderator, (2013). *"Session 11A – BIM, Problem-based Design, and Pedagogy,"* 22 November 2013, The XVII Congreso de la Sociedad Iberoamericana de Grafica Digital Conference - Sigradi 2013, 20-22 November 2013, Universidad Tecnica Federico Santa Maria, Valparaiso, Chile.
- Session Moderator, (2013). *"Session 10A - Parametric Design and Digital Fabrication,"* 22 November 2013, The XVII Congreso de la Sociedad Iberoamericana de Grafica Digital Conference - Sigradi 2013, 20-22 November 2013, Universidad Tecnica Federico Santa Maria, Valparaiso, Chile.
- Expert Grant Referee, (2013). In the Translational Research Programme (TRP) for the Austrian Science Fund (**FWF), "Final Report Review for Project #L-695-N23 | Non-standard Architecture Using Ornaments and Plane Elements – By Albert Wiltsche," April-June 2013.
- Paper Reviewer, (2013). *"Innovation and Design in the Digital Environment,"* The XVII Congreso de la Sociedad Iberoamericana de Grafica Digital Conference - Sigradi 2013, 20-22 November 2013, Universidad Tecnica Federico Santa Maria, Valparaiso, Chile.
- Session Moderator, (2013). *"From Project to Policy | Inclusivity as Translatable Framework,"* 23 March 2013, Respondents: Nichole Wiedemann, Scott Ruff, Michael Pride, Brian Kelly, Norman Millar, Special Focus Session | Diversity in Architecture, 2013

- ACSA National Conference, ACSA 101: New Constellations / New Ecologies, March 21-24, 2013, San Francisco, CA.
- Expert Panelist, “*Current-Timeless-Scalable*,” 01 March 2013, Panel Respondent to David W. Feldman, President of Right Sized Homes, University of Kentucky, College of Design, 2013 Historic Preservation Graduate Organization (HPGO) Symposium, “Historic Preservation = Jobs,” Carnegie Center for Literacy and Learning, 251 West Second St, Lexington, KY.
- Paper Reviewer, (2012). “*Form[in]Formation*,” IJAC, Edited by Daniel Cordoso and Jose Ripper Kos, February 2013.
- Paper Reviewer, (2012). “*Synthetic Digital Ecologies: Energy, Form, Structures, Performance Modeling, Simulation and Prototyping*,” 2012 ACADIA National Conference, San Francisco, CA 18-21 October 2012.
- Workshop Leader, (2012). “ACADIA @ Digital Aptitudes,” 2012 ACSA National Conference, Boston, MA, 29 February-05 March 2012, Exhibition Title: ‘Synthetic Landscapes’ with Ronnie Parsons, Gil Akos, Andy Payne, Kyle Miller – Sponsored by ACADIA, ACSA, and Objet
- Expert Panelist, (2011). Energy Roast, 01 December 2011, 2011 Kentucky Energy Club, Memorial Hall, Lexington, KY.
- Expert Testimony, (2011). Kentucky State Senate Subcommittee on Rural Affairs, 09 November 2011, Frankfort, KY.
- Expert Book Referee, (2011). *Architecture InFORMation*, Routledge Press, May 2011, London, England (Eiroa, P., (2013). *Architecture InFORMation: On the nature of information in digital architecture*. London: Taylor & Francis Ltd.)
- Paper Reviewer, Juror, (2011). “*Integration Through Computation*,” 2011 ACADIA National Conference, 11-16 October 2011, Banff/Calgary, Canada.
- Paper Reviewer, (2010). “*Investigations in Digital Curricula*,” 2011 ACADIA Regional Conference: Parametricism (SPC), 10-12 March 2011, Lincoln, NE.
- Paper Reviewer, Juror, (2010). “*Life: (IN) Formation*,” 2010 ACADIA National Conference, 21-24 October 2010, New York, NY.
- Paper Reviewer, Session Chair, (2009). “*Emerging Works*,” 24 October 2009, 2009 ACADIA National Conference, 22-25 October 2009, Chicago, IL.
- Expert Grant Referee, (2008). In the Translational Research Programme (TRP) for the Austrian Science Fund (**FWF), “Non-standard Architecture Using Ornaments and Plane Elements,” November-December 2008. ** FWF is Austria's central body for the promotion of basic research, similar to the US National Science Fund (NSF) or the Research Councils in Great Britain.
- Paper Reviewer, (2008). “*Silicon+Skin*,” 2008 ACADIA National Conference, 16-19 October 2008, Minneapolis, MN.
- Paper Reviewer, (2007). “*Expanding Bodies*,” 2007 ACADIA National Conference, 01-07 October 2007, Halifax, Nova Scotia.
- Paper Reviewer, (2007). “Physical vs. Virtual: Spatial Perception and The Design Process,” IJAC, Edited by Nancy Cheng and Joachim Kieferle, December 2007.
- Paper Reviewer, (2007). “*Mass-Customization and Generative Processes*,” CAAD Futures International Conference: 11-13 July 2007; Sydney, Australia, March 2007.
- Paper Reviewer, (2006). “*Digital Design, Fabrication, and Rapid Prototyping*,” FormZ Annual Joint Study Publication, Edited by Murali Paranandi, February 2007.
- Conference Chair and Technical Chair (On Digital Making), (2016). “*Synthetic Landscapes | Digital Exchange*,” 2006 ACADIA International Conference, Louisville, KY, 12-15 October 2006
- Paper Reviewer, (2006). “*Architecture Greater Than Architecture: Social Ethics in Design*” and “*New Natures, New Urbanisms*,” 2006 ACSA National Conference, 30 March-02 April 2006, Salt Lake City, UT.
- Panelist, (2006). “*Digital Fabrication*,” Ball State University, College of Architecture, 27 March 2006, Muncie, IN.

First Round Juror, (2005). e_competition: Possible Futures Biennale Miami + Beach 2005, International Competition of "Unbuilt" Architectural Work, October-November 2005
 Paper Reviewer, (2005). "Smart Architecture," 2005 ACADIA National Conference, 13-16 October 2005, Savannah, GA.
 Paper Reviewer and Session Moderator, (2005). "Interventions and Experimentation," 2005 ACSA East Central Regional Conference, Detroit, MI, 07-09 October 2005
 Paper Reviewer, (2004). "Art of Teaching," 2005 ACSA National Conference, Chicago, IL, 03-06 March 2005
 Panel Participant, (2004). "Crossing Digital Tools + Analog Methods," 2004 ACSA National Conference, Miami, FL, 18-21 March 2004
 Co-Chair and Session Moderator, (2003). "Digital Pedagogy," 2003 ACADIA National Conference, Indianapolis, IN, 22 October 2003

TEACHING ACTIVITY:

Undergraduate Courses Taught at the University of Kentucky:

- UK 101: Academic Orientation (1)
 This course assists undergraduates in adjusting to the academic life at the University of Kentucky. The UK 101 course design uses lectures, discussions, exercises, and out-of-class assignments to help students reach the student learning outcomes including the creation of academic goals, articulation of college academic expectations, and application of learning strategies that maximize academic success, while understanding University policies and identifying appropriate campus resources.
- HON 252: Honors in Arts & Creativity: Framing the City |From Eyeline to Skyline (3)
 This course examines the pre-modern and modern streetscape, city-scape, gathering spaces, transportation hubs (airports and train stations), and world's fair and biennale venues as critical departure points for understanding design culture, arts, and creativity. Particular emphasis will be on the urban artifacts of Europe, United States, and Asia as seen through the lens of art, photography, and architecture of the time. The course will include discursive readings central to this topic. Assignments will develop a student's ability to translate this knowledge to deepen their awareness of Kentucky's own cultural landscapes. This class will include field trips to art museums in the UK, Louisville, and Cincinnati, and include public art walking tours in Lexington and Louisville (KY) as well as Columbus (IN).
- ARC 203/828: Digital Media Within Architecture (3)
 This course is an introduction of students to the concepts of computing in architecture as well as a cornerstone for the inter-media research program. In this sense, the course is both broad in its expectations and focused in its deployment of digital images to create architecture. This course explores the impact of computing technology on the representation and production of architecture as well as producing a firm understanding of the software and hardware available to create form. The course exposes students to the creative potential of computers in design as well as to their analytic capabilities. The potentials and pitfalls as revealed in both the practice and theory of these mechanisms and the implications of their use are the grounds of the weekly lecture discussions.
- ARC 354/355: Architectural Design – Third-year Design Studio V/VI (6)
 Studies the formal characteristics of site and context together with laws and principles of building and nature, ecology, and the ways these forces influence architecture. The studio investigates applications of current technology and building systems.

- ARC 456/457: Architectural Design – Vertical Digital Design Studio VII/VIII (6)
Full-scale, three-dimensional design and fabrication, presenting a theme of an object with restrained scale in order to permit the evaluation and refinement of the knowledge, methods of design, and skill at the student's disposal after three-, four-, or five years of study. The course confronts the problem of the design of in-fill housing in historic urban contexts and explores the transformation of the site through a socially responsive project. A digital-based studio explored through tectonics and individual experimentation of digital media.
- ARC 499: Going Green: Building Habitats with Habitat (3)
The recent surge of sustainable design and green building led by the US Green Building Council coupled with the emergence of the LEED for Homes Pilot program offers a reflective moment for re-looking at affordable house design. Through a formative partnership with Lexington Habitat for Humanity, this elective class will couple design leadership and research with the hands-on volunteer work forces of Habitat to design, enable, fabricate, and assemble an affordable house alternative to the traditional habitat model for in-fill. This class will include meetings with Lexington Habitat for Humanity regarding two projects - Lexington, KY (634 North Limestone Street) and New Orleans, LA. The course will culminate with a week-long field trip to New Orleans where we will participate in the construction a Habitat project.
- ARC 963: Campus Typologies (3)
This elective course is an independent investigation focusing on the design, planning, and analysis of the University of Kentucky campus architecture. The goal of the class was to develop a link between the history of the campus and its potential impact on future design. In one sense, the course objective was to see beyond the layers of historical style through analysis and documentation. To this end the students generated three-dimensional models, diagrams, and delineations, in addition to producing a comprehensive set of measured drawings of the building's plans, sections, and elevations.

Graduate Courses Taught at the University of Kentucky:

- ARC 513: Synthetic Landscapes (3)
This Course is an advanced seminar experience for both graduate and undergraduate students interested in working with digital visualization tools and ideas that have affected the growth of new visual media. This research seminar will focus on Modern Houses in Kentucky. The goal of the seminar is to not only identify and photograph these seminal house projects but to use the documentation to analyze the projects in light of their spatial metaphors and ultimately position these regional works in the context of the canons of Modern Architecture.
- ARC513: In-Detail Manufacturing (3)
This course is an advanced seminar experience for both graduate and undergraduate students interested in working digital visualization tools as they relate to the fabrication of full-scale inhabitable form.
- ARC 599: Systems Thinking for Sustainability (3)
This National Science Foundation (NSF) sponsored research-based elective course of study will offer students a unique opportunity to develop projects as members of a collaborative team. Together, these dynamic and interactive teams will tackle challenges involving complex systems where economic, social, and technical factors interact, ultimately producing innovative solutions at a variety of scales. One of the 21st century's global

challenges is sustainable development. In its broadest terms, sustainability impacts not only the environment, but expands to include issues related to the economic and societal domains. Often these problems are addressed singularly within a single field; however, this course will prepare students to work synergistically across disciplines while applying an integrated, systems-based thinking approach to problem solving to achieve sustainability. This valuable experience is an essential preparation to the student's senior capstone projects and other research-based inquiry.

- ARC 599: Design for Production (3)
This research-based elective course focuses on the design, fabrication, and assemblage of a full-scale inhabitable space. As digital tools continuously evolve, the need to stay informed about current developments in software opens up. This course will examine the use of digital design tools with an emphasis on "design-development environments" in practice today. Class discussions will center on the integration of parametric design contexts as well as the decision-making processes involved in fabrication.
- ARC 599: Abstracting Digispeak (3)
One of a series of graduate seminars devoted to investigations and analyses of contemporary architecture. This research-based seminar will focus on the terminology used in today's ever changing and expanding digital context. Through this course students will read texts from leading architects who were responsible for transitioning from the hand-drawn or drafted milieu to today's digital and parametric paradigms. Through these close readings, students will identify and develop a list of words and graphic images that capture seminal terms or phrases and graphic representations that capture the creative essence of this vocabulary. The course will culminate in a collection of short essays written by the students and an exhibition of the words and images gathered and/or developed by the students.
- ARC 601: Architecture Master's Project – Design Project (6)
This course is a supervised individual exploration of an architectural problem that permits the student to demonstrate their competence as a designer of buildings and to formalize a coherent personal view of architecture.
- HP 798: Historic Preservation Master's Project (6)
The Master's project course of study is designed to serve as a capstone of the student's experience in the program as well as an opportunity for students to investigate in-depth a preservation design project or a scholarly thesis of substantial length on a topic chosen in consultation with the director and supervised by an appropriate committee chair and committee.

Undergraduate Courses Taught at Texas A&M University:

- CARC 481: Seminar (1)
This course is a preparatory seminar for select College of Architecture study away and internships; topics include introduction to the language, culture and history of study abroad location. Must be taken prior to the student's study away semester. Must be taken on a satisfactory/unsatisfactory basis.
- ARCH405: Integrated Studio (5)
This course is a comprehensive design studio focused on the integration of design theory with functionally sustainable environmental and structural systems; consideration of a project from site analysis and programming through design detailing.

- ARCH406: Interdisciplinary Design III (6)
This course uses innovative approaches to design emphasizing theory and practice of architecture as art and science; schematic design taken to a level of detail appropriate to design development; topics include the visualization of built environments; the selection and application of building and environmental systems, services, materials and connections; interior space configuration.
- ARCH 494: Internship (9)
Practical experience in an office of design allied professionals; fifteen week internship with a minimum of 600 hours of continuous employment; departmental pre-approval through the departmental internship coordinator required; post evaluation conducted following the internship. To be taken only as a requirement for the study away semester.

- ***** denotes course taught at Texas A&M University
 **** denotes student was awarded the Thesis Prize for Outstanding Undergraduate Design Thesis
 *** denotes Master's Thesis Directed at the University of Kentucky
 ** denotes Master's Thesis Committee Member at the University of Kentucky
 * denotes Master's Thesis Committee Member at the Kent State University

PhD Doctoral / Advisory Committees:

- PhD Doctoral Advisory Committee - External Examiner for Mauri Elizabeth Systo, a doctoral student in the University of Kentucky Department of Anthropology, "Restructuring Work 'The Chattanooga Way:' Urban Revitalization, Contingent Labor, and Trying to Get by in Tennessee," Spring 2020
- PhD Doctoral Advisory Committee - External Examiner for Justin Carlson, a doctoral student in the University of Kentucky Department of Anthropology, "Middle to Late Holocene (7000-3000 cal. BP) Archaeological Site Formation Processes at Crumps Sink and Changing Land Use Patterns in the Central Kentucky Karst, US," Fall 2018
- PhD Doctoral Advisory Committee – Committee Member for Sharif Aljoaba, a doctoral student in the University of Kentucky, College of Engineering, Department of Electrical and Computer Engineering, "Active Optimal Control Strategies for Increasing the Efficiency of Photovoltaic Cells" Spring 2013, Fall 2012, Spring 2012, Fall 2011, Spring 2011
- PhD Doctoral Advisory Committee - External Examiner for MaryBeth Chrostowsky, a doctoral student in the University of Kentucky Department of Anthropology, "The Effects of Migration on Gender Norms and Relations: The Post-Repatriation Experience in Bor, South Sudan" Spring 2013
- PhD Doctoral Advisory Committee - Committee Member for Yongwei Shan, a doctoral graduate student in the University of Kentucky, College of Engineering, Department of Civil Engineering, "Integrated Information Modeling of Construction – Project Productivity" Spring 2011
- PhD Doctoral Advisory Committee - External Examiner for Cynthia Isenhour, a doctoral student in the University of Kentucky Department of Anthropology, "Building Sustainable Societies: Exploring Swedish Sustainability Policy and Practice in the Age of High Consumption" Spring 2010

Masters Project Committee Chair:

- ***HP 601 – Master's Project, Historic Preservation
 [Lois R. McCormick, Committee Chair] Spring 2008
 [Nathan Speck, Committee Chair] Spring 2007
 [Amanda Schraner, Committee Chair] Summer 2005

- ***ARC 601 – Master’s Project, Architecture Studio
[Terrence Dankwa, Committee Chair] Spring 2020-present
[Aaron Nickerson, Committee Chair] Spring 2007 **[Masters Thesis Prize]**
[JD Maynard, Committee Chair] Spring 2005
[Feng Li, Committee Chair] Fall 2004

Masters Project Committee Member:

- ***HP 601 – Master’s Project, Historic Preservation
[James Allen, Committee Member] Spring 2016, Fall 2015
[Justin Hathaway, Committee Member] Spring 2015, Fall 2014
[Carolynne Millsap, Committee Member] Spring 2015, Fall 2014
[Matthew Mattone, Committee Member] Spring 2014
[Paloma Bolasny, Committee Member] Spring 2008
[Robert Ogle, Committee Member] Spring 2005
- ***ARC 601 – Master’s Project, Architecture Studio
[Victor Smith, Committee Member] Fall 2015
- ***ARC 798 – Primary Historic Preservation Thesis Advisor
[Amelia Armstrong, Committee Member] Fall 2003
- *ARC XX – Kent State University Master’s Architecture & Environmental Design
 (MSAED program) Master’s Project Thesis Advisor - Human-Robot Collaborative
 Design (HRCoD) *[Mona Hashemi, Committee Member]* Spring 2020-present

Graduate/Undergraduate Courses Taught:

Design Studio:

- ****ARC 872 – Undergraduate Thesis, *Primary Advisor*
[Sarah Reed: Tectonic Dialogues in Architecture] Spring 2003, Fall 2002
[Mary Anne Ocampo: A Visual Athenaeum] Spring 2002, Fall 2001 **[Thesis Prize]**
[Kurt Fischer: Place, Interface, Structure] Spring 2001, Fall 2000 **[Thesis Prize]**
- ARC 867/870 – Architectural Design – Vertical Digital Design Studio, studio, lecture
Resonance House Spring 2006, Fall 2005, Summer 2005, Spring 2005, Fall 2004
Keeneland Mansion Summer 2004
COPC | East Lexington, KY Fall 2003
Carving Foundations | The Deep Time Probe Fall 2002
Modern Reclamations | Idea, Interaction, Innovation, Invention Fall 2001
Synthetic Landscapes | The Space of a Rave Fall 2000
The Space of an Idea | Fabricating Cultural Containers Spring 2000
Transcendence Fall 1999
- ARC 860/861 – Architectural Design – First-year Design Studio, studio, lecture
Body Wraps Spring 1999, Fall 1998
- ARC 601 – Architectural Design – Graduate-level Digital Design Studio, studio, lecture
s-ky blue Solarhouse (Atelier) Fall 2009, Summer 2009, Spring 2009, Fall 2008,
 Summer 2008
- ARC 354/355 – Architectural Design – Third-year Design Studio, studio, lecture
Global Studio - Urban Translations | 21st Century Living + Learning Environments,
Spring 2020, Spring 2019
Permanence + Authenticity | 21st Century Learning Environments, Fall 2019, Fall
2018, Spring 2018; Fall 2017; Fall 2016; Spring 2017
Rebuilding West Liberty, KY Fall 2015, Spring 2015, Fall 2014;
Rebuilding Johnson County, KY Fall 2015, Spring 2016
Scalable Infrastructure | Center for Architecture Spring 2013, Fall 2012
Scalable Infrastructure | Campus Living - Triangle Fraternity Spring 2012, Fall 2011
Scalable Infrastructure | Haiti – Habitat – House Spring 2011, Fall 2010

ARC 456/457—Architectural Design—Vertical Digital Design Studio (Atelier), studio, lecture
Collegetown Spring 2008, Fall 2007
634 North Limestone Spring 2007, Fall 2006
Rockcastle | Grain Building Summer 2006

**** ARCH406—Architectural Design—Interdisciplinary Design Studio, studio, lecture
Integrated Contexts – Rebuilding West Liberty, KY Spring 2014

**** ARCH405—Architectural Design—Integrated Design Studio, studio, lecture
Integrated Contexts – Sustainability Initiatives | Bronx, NY Fall 2013

Seminar:

HON252—Honors Arts & Creativity: From Eycline to Skyline, seminar Fall 2019, 2018, 2017

UK101—College of Design, lecture Fall 2019, Fall 2018, Fall 2017, Fall 2016

ARC 963—Campus Typologies-Independent Study, seminar Fall 2003

ARC 828—Computing in Architecture—*Embracing the Digital*, lecture, tutorial Spring 2004,
Fall 2003, Fall 2003, Spring 2003, Fall 2002, Spring 2002, Fall 2001, Spring 2001, Fall
2000, Summer 2000, Spring 2000, Fall 1999, Summer 1999, Spring 1999, Fall 1998

ARC 820—Synthetic Landscapes, *seminar*
Louisville Modernism Spring 2003, Spring 2002, Spring 2001

ARC 699—Intern Development Program, *seminar*
s•ky blue Solarhouse (Atelier), Fall 2009

ARC 599—Advanced Topics in Architecture, *elective*
Systems Thinking for Sustainability (NSF-sponsored elective) Spring 2013, Spring 2012
Abstracting Digispeak Fall 2010
Design for Production
s•ky blue Solarhouse (Atelier) Fall 2009, Summer 2009
Resonance House (Atelier) Fall 2005, Spring 2005
Design for Publication, seminar
s•ky blue Solarhouse (Atelier) Fall 2009

ARC 513—Synthetic Landscapes, seminar
The Modern House-Kentucky, [w/Clyde Carpenter] Fall 2005, Spring 2005, Fall 2004, Spring 2004

ARC 513—In-Detail-Manufacturing, seminar
Resonance House Spring 2006, Spring 2005

ARC 499—Going Green: Building Habitats with Habitat, elective Spring 2007

ARC 203—Digital Media within Architecture--*Embracing the Digital*, lecture, tutorial Spring
2005, Fall 2004

Studio/Seminar Travel and Research (*Experiential Learning and Applied Architecture*):

Design Studio, ‘Spatial Legacies and Otherness’ 12 students, 23-25 October 2019,
Louisville (KY), New Harmony (IN), Plano + Chicago (IL) + Cincinnati (OH)

Design Studio, ‘Urban Translations: From Hutongs to Alleyways’ 27 students, 18-31 March
2019, Beijing, China + Cincinnati, OH

Design Studio, ‘Adaptive Resilience’ 13 students, 22-26 October 2018, Bronx, NY

Design Studio, ‘Coastal Resilience’ 12 students, 20-25 October 2017, Fort Morgan, AL

Design Studio, ‘West Liberty. Building Our Future’ 12 students, 17 January 2015 and 30
April 2015, West Liberty, KY

Design Studio, ‘West Liberty. Revive. Rebuild. Reflect.’ 16 students, 15 September 2014,
West Liberty, KY

Design Studio, ‘West Liberty. Moving Forward. Together’ 10 students, 12-16 February 2014,
25-27 April 2014, West Liberty, KY

Design Studio, ‘Creating the 21st Century Facade’ 13 students, 12-17 February, 2012, New York, NY

Design Studio, 'UKY-s•ky blue Solarhouse | What About Blue is Green?' 12 students, 05-08 November 2009, Chicago, IL

Design Studio, '2009 Solar Decathlon,' 12 students, 28 September-22 October 2009, Washington, DC

Design Studio, 'UKY-Solarhouse | Home Delivery,' 12 students, 11-15 September 2008, New York (Home Delivery-MOMA; Buckminster Fuller-Cooper Union, The Whitney Museum; Upstate New York)

Design Studio, 'Collegetown,' 8 students, 17-22 February 2008, New York-Princeton

Design Studio, 'Collegetown,' 17 students, 12-16 October 2007, Michigan-Ohio-Kentucky

Design Studio, 'Building Habitats with Habitat' with Habitat for Humanity, 8 students, 09-15 April 2007, Biloxi, MS

Design Studio, 'Carving Foundations' with Sculptor Bill Kolok, 5 students, 07-09 April 2006, Kentucky Wesleyan College, Owensboro, KY

Seminar, Design Studio, 'High-Performance Schools Workshop,' 5 students, 23-24 March 2006, Hebron, KY

Design Studio, 'Infill Housing in Historic Neighborhoods: A Case Study,' 13-16 October 2005, Savannah, GA

Seminar, Design Studio, 'Architects,' 13 students, 13-19 March 2005, New York, NY

Seminar, Design Studio, 'Architects,' 4 students, 03-06 March 2005, Chicago, IL

Design Studio, 'Fabrication,' 11 students, 10-13 November 2004, ACADIA National Conference, Toronto, CN

Design Studio, 'Carving Foundations' with Sculptor Bill Kolok, 9 students, 27-29 September 2002, Kentucky Wesleyan College, Owensboro, KY

Seminar, "International Symposium on Architecture in the Digital Age," 8 students, 21-24 March 2002, AADRL – University of Pennsylvania, Philadelphia, PA

Design Studio, "Defining the Boundaries of the In-between," 22 students, 18-22 October 1998, New York, NY

Software/Programs Used in Teaching & Research Projects:

Bentley-Generative Components, FormZ, Revit, Inventor, AutoCAD, 3DStudioMAX, 3DStudioVIZ, Alias/Wavefront, Softimage, Maya, Rhinoceros, Grasshopper, Lumion, Lamina, SketchUp, Adobe Creative Cloud Suite, Miro, MindManager, JMP, AtlasTi

Awards for Teaching:

2020 **Tau Sigma Delta Silver Medal Award**, with distinction in design in the field of Architecture, Landscape Architecture or the Allied Arts, Alpha Chi Chapter, University of Kentucky, College of Design – School of Architecture, 2020

2020 **Outstanding Teaching Award Finalist**, University of Kentucky, Office of Faculty Advancement, 1 of 42 Nominees – 2019/2020 (Awaiting final notification).

2019 **Outstanding Teaching Award Finalist**, University of Kentucky, Office of Faculty Advancement, 1 of 36 Nominees – 2018/2019.

2019 **Great Teacher Award for Teaching Excellence**, University of Kentucky Alumni Association Award (1 of 84 Nominees – 2018/2019; 1 of only 312 faculty recognized since 1961), Plaque, \$3,000

2011 University of Kentucky, College of Education, **Teachers Who Made a Difference Award**

2009-2010 University of Kentucky, College of Design-School of Architecture, **Professor of the Year Award**

2006 PCI Design Competition, **Faculty Advisor Award**

Refereed Studio Competition Awards (Regional, National & International):

Digital Design Studio - Triangle | Net-zero House, University of Kentucky, 2nd Annual Energy Fair Poster Session, CAER Energy Club, 06 March 2012. **Winner, Best Research Poster, (1 of 500 entries), \$750**

Digital Design Studio - Triangle | Net-zero House, University of Kentucky, Cummins Student Organization Sponsorship, 19 February 2012. **Winner Highest possible score in each of the three categories, Project Relevance, Presentation & Content, and Interdisciplinary Project Team, \$500**

Digital Design Studio, University of Kentucky, College of Design, School of Architecture, "Gate to Main," 2007 Kentucky Masonry Institute (KMI), Jeffersontown, KY, April 2007, **Third Place Winner (3 of 74 entries)**

Digital Design Studio, University of Kentucky, College of Design, School of Architecture, "Remembrance Pavilion, Reflection Wall for James O. Bethel," 2006 Kentucky Masonry Institute (KMI), Henderson, KY, January 2006, **First Place Winner (1 of 46 entries)**

Studio-related Exhibitions:

Refereed Studio Exhibitions at National & International Conferences:

Digital Design Studio, University of Kentucky, College of Design-School of Architecture, AIA-AAJ National Conference, Cincinnati, OH, 27-30 October 2017, Exhibition title: "21st Century Learning Environments | Sustainable Justice."

Digital Design Studio, University of Kentucky, College of Design, School of Architecture, "Reflecting Traditions, Reconstructing Pasts, and Projecting Futures," 2004 National Trust for Historic Preservation Conference, Louisville, KY, 28 September – 01 October 2004

Digital Design Studio, University of Kentucky, College of Design, School of Architecture, "Crossing Digital Tools + Analog Methods," 2004 ACSA National Conference, Miami, FL, 18-21 March 2004

Digital Design Studio, University of Kentucky, College of Design, School of Architecture, Digital Design Studio, "In the Digital Heartland," ACADIA National Conference, Indianapolis, IN, 21-24 October 2003

Digital Design Studio, "Researching the Margins," Exhibition and Poster Session, ACSA National Conference, New Orleans, LA, at the *IAR - Initiative for Architectural Research*, 11-14 April 2002

"Digital Media within the Design Studio: Reading the Object Through Materiality and Spirit," Exhibition and Poster Session, ACSA National Conference, Los Angeles, CA, at the *IAR - Initiative for Architectural Research*, March 2001

"IMAGE Conference," 4th Annual International Festival of Architecture in Video, Florence, Italy, 1999.

First-year Design Studio, "unCommon Ground," Exhibition and Poster Session, *Beginning Design Conference*, UNLV, Las Vegas, NV, 18 September 1999

Invited Studio Exhibitions at Regional Venues:

Digital Design Studio, University of Kentucky, College of Design-School of Architecture, EOP Architects, Louisville, KY, 02 May 2018, Exhibition Title: 'A4LE+AIA-AAJ – Louisville Projects'

Digital Design Studio, University of Kentucky, College of Design-School of Architecture, West Liberty, Kentucky Town Hall Presentation at Morehead State University, Morehead, KY, 30 April 2015, Exhibition Title: 'West Liberty. Building Our Future'

Digital Design Studio, Texas A&M University, College of Architecture-School of Architecture, West Liberty, Kentucky Town Hall Presentation, West Liberty, KY, 25-27 April 2014, Exhibition Title: 'Moving West Liberty Forward. Together'

Digital Design Studio, Texas A&M University, College of Architecture-School of Architecture, "Planning for Disaster Resilience: Commemorating 25 Years of Research," HRRC Symposium, Hazard Reduction & Recovery Center, College Station, TX, 03-06 April 2014, Exhibition Title: 'In-Progress: Moving West Liberty Forward. Together'

Digital Design Studio, University of Kentucky, College of Design, "A Center for Architecture," AIA-EKC Annual Showcase, Lexington, KY, 06 December, 2012, Exhibition Title: 'Authenticity and Permanence | A Center for Architecture'

Digital Design Studio, University of Kentucky, College of Design, "A Center for Architecture," AIA-KY Annual Convention, Lexington, KY, 01-03 November, 2012, Exhibition Title: 'Authenticity and Permanence | A Center for Architecture'

Digital Design Studio, University of Kentucky, College of Design, "Big Blue Goes Green: A Sustainability Showcase," University of Kentucky-Student Center, Lexington, KY, September 14, 2011, Exhibition Title: 'Living Net-Zero | Triangle Fraternity House'

- Digital Design Studio, University of Kentucky, College of Design, "Big Blue Goes Green: A Sustainability Showcase," University of Kentucky-Student Center, Lexington, KY, September 15, 2010, Exhibition Title: 'Live.Light – The s•ky blue solarhouse'
- Digital Design Studio, University of Kentucky, College of Design, "DEI + Design Energy Initiatives, 's•ky blue solarhouse,' LOT Gallery, East Third Street, Lexington, KY, 08 May-25 June 2009, (450 attendees).
- Digital Design Studio, University of Kentucky, College of Design, School of Architecture, "Envisioning Collegetown | Emergent Trajectories," 18 April 2008 Gallery Hop, Downtown Arts Center, 2nd Floor Rehearsal Space, Lexington, KY, 18 April 2008 – 02 May 2008, (1050 attendees).
- Digital Design Studio, University of Kentucky, College of Design, "Big Blue Goes Green: A Sustainability Showcase," University of Kentucky-Student Center, Lexington, KY, October 16-17, 2007, Exhibition Title: 'The Resonance House'
- Digital Design Studio, University of Kentucky, College of Design, School of Architecture, "Envisioning Collegetown | Expanding Boundaries," 16 November 2007 Gallery Hop, Victorian Square, Logan's Gallery, Lexington, KY, 16 November 2007 – 07 December 2007, (975 attendees).
- Digital Design Studio, University of Kentucky, College of Design, "634 North Limestone-Ten Panels," An Exhibition of Architecture at the J. Pepper Distillery Provisional Gallery, Lexington, KY, 27 April – 02 May 2007
- Digital Design Studio, University of Kentucky, College of Architecture, "The Resonance House," 17 September 2006 at The Urban Life and Style Tour, Lexington Downtown Development Corporation in Lexington, KY (500 attendees)
- Digital Design Studio, University of Kentucky, College of Architecture, "The Resonance House," 10 February 2006 at The Arts Showcase Weekend in Lexington, KY
- Digital Design Studio, University of Kentucky, College of Architecture, "The Resonance House," 19 September 2005 at The Urban Life and Style Tour, Lexington Downtown Development Corporation in Lexington, KY (300 attendees)
- ARC 828: Computing in Architecture, University of Kentucky, College of Design, School of Architecture, "enVisioning UK," 15 May - 31 July 2003 at the Downtown Design Center 218 E. Main Street
- Digital Design Studio, University of Kentucky, College of Architecture, "The Woolworth Building – Emerging Possibilities," 15 November – 22 November 2002 at The Hunt-Morgan House in Lexington, KY
- Digital Design Studio, University of Kentucky, College of Architecture, "Deep-Time Probe | Mission Wall," Public Art at the Scale of an Urban Park, ideaFestival, 14 September-16 December 2002 at the Circuit Courthouse Lawn in Downtown Lexington, KY
- Digital Design Studio, University of Kentucky, College of Architecture, "The Hong Kong Reclamation International Design Competition," 26 January – 09 February 2002 at UDS in Louisville, KY
- Digital Design Studio, University of Kentucky, College of Architecture, "The Idea Factory," 07 December-14 December 2001 at Downtown Design Center in Lexington, KY
- Digital Design Studio, University of Kentucky, College of Architecture, "Fabricating Cultural Containers: The Space of an Idea - Virtual House," 16 September-30 September 2000 at Idea Festival in Lexington, KY
- Digital Design Studio, University of Kentucky, College of Architecture, iHigh.com in Lexington, Kentucky, "Virtual Raves in Synthetic Landscapes: Ephemeral Occupations of Capitalist Ruins," 04 May -31 May 2000 at iHigh.com, 01 June -30 June 2000 at Downtown Design Center (Lexington), 01 July -31 July 2000 at Urban Design Studio (Louisville)
- ARC_828: Computing in Architecture and Digital Design Studio, University of Kentucky, College of Architecture, AIA/CSI-Kentucky, "Representative Student Work," in Louisville, Kentucky, 22 – 26 February 2000

Digital Design Studio, University of Kentucky, College of Architecture, *Founder's Square* in Louisville, Kentucky, "Transcendence: Architectures In-between Appearance and Reality," 15 – 25 November 1999; Opening on 19 November 1999
First-year Design Studio, University of Kentucky, College of Architecture, *The Arts Place*, Lexington, Kentucky, "Body Wraps," 30 April 1999

Graduate/Undergraduate Activities:

Advising:

Graduate Advisor, 2002-present, 1-6 advisees per semester
Undergraduate Advisor, 2002-2010, 22-30 advisees per semester
First-year Design Studio Coordinator, University of Kentucky, College of Architecture, 1998-1999

Other Teaching-related Activities:

Guest Lectures:

'*Multiple Meanings: Reading Cuban Modern Architecture in Havana*,' University of Kentucky, College of Design, Department of Historic Preservation, 01 December 2005
'*The Digital Evolution*,' University of Kentucky, School of Architecture, 08 September 2004
'*Intimacy, Complexity, and Skin*,' University of Kentucky, College of Architecture, 24 February 2000
'*Porosity as Digital Architecture*,' University of Kentucky, College of Architecture, 10 September 1999
'*Visualizing Between Words and Form*,' University of Kentucky, College of Architecture, 12 April 1999

Invited Juries:

University of Maryland, College Park, Maryland (Hooman Koliji, 2013)
University of California at Berkeley, Berkeley, California (Keith Plymale, 2013, 2020)
University of Tennessee, Knoxville, Tennessee (Brian Ambroziak, Scott Poole, Scott Wall, 2012) Tau Sigma Delta Awards Jury
The University of Cincinnati, Cincinnati, Ohio (Brian Andrews, 2015, 2016; Terry Boling, 2010, 2011, 2012, 2014, 2015; Patricia Kucker, 2011; Udo Greinacher, 1998; Ralph Nelson, 1998)
Syracuse University, Syracuse, New York (Mary Anne Ocampo, 2006)
University of Colorado, Boulder, Colorado (Martha Hutchinson, 2006)
Ball State University, Muncie, Indiana (Pamela Harwood, 2019); (Kevin Klinger, 2005, 2016); (Joshua Coggeshall, 2016); (Josh Vermillion, 2009)
Texas A&M University, College Station, Texas (Mark Odom, 2012); (Craig Babe, Marcel Erminy, Mark Odom, George Mann, 2013); (Mark Clayton, Gabriel Esquivel, 2014); Gabriel Esquivel, Jonathan Louie, Michael Obrien, Mark Clayton, Alejandro Borges, J.M. Tate, Andrew Hawkins, Davi Xavier, Marcelo Lopez-Dinardi, 2020); (Celebration of Excellence, 2014, 2018)
Kent State University, Kent, Ohio (Ebrahim Poustinchi, 2019); (Diane Davis-Sikora, 2008, 2019); (Charles Graves, Jr., 2003)
Pratt Institute, Brooklyn, New York (Kyle Olman, 2008); (Lawrence Zeroth, 2005, 2020, 2021)
California College of Arts, San Francisco, California (Carol Buhrmann, 2000; Mabel Wilson, 2002)
Columbia University, New York, New York (Fredrick Biehle, 1998; Diana Agrest, 1996)
King Saud University, Riyadh, Saudi Arabia, (1996)
Portland State University, Portland, Oregon (Amy Donohue, 2000)
Princeton University, Princeton, New Jersey (Mabel Wilson, Michael Graves, Peter Eisenman 1999); (Mario Gandelsonas, 1995)
The Catholic University, Washington, D.C. (Christian Zapatka, 1998)
The Cooper Union, New York, New York (Diana Agrest, 1996); (Peter Eisenman, 1991, 1992, 1993)

The New Jersey Institute of Technology, Newark, New Jersey (Andrzej Zarzycki, 2020, 2021)

The University of Kansas, Lawrence, Kansas (Paola Sanguinetti, 1999; David Griffin, 1994)

Virginia Polytechnic Institute and State University, Blacksburg, Virginia (Marie Wall Paget, 1995); (Donna Dunay, 2019)

SERVICE ACTIVITY:

University Service:

Texas A&M University, Department Head Council (DHC), January 2022-present

Texas A&M University, Council for the Built Environment (CBE), Design Review Sub-Council, July 2020-2022

University of Kentucky, Information Technology (IT) Advisory Council, Member of Professional Learning Communities (PLC) Team, elected Spring 2019, February 2019-2020

University of Kentucky, Faculty Senate, elected Spring 2017, term August 2017-July 2019
Member: Senate's Research and Graduate Education Committee (SRGEC), August 2017-2019; Senate Technology Committee (STC), February 2019-2020

University of Kentucky, Provost Office Blue-Ribbon Panel on Graduate Education, "Reimagining Graduation Education at the University of Kentucky, 2017-2019"
▪ Chair, Growth and Innovation Subcommittee, 2017-2019

University of Kentucky, Robert Wood Johnson Foundation (RWJF) Reinventing Cooperative Extension Project Team (ARCHES), 2016-2019

University of Kentucky, PresentationU! Faculty Advisory Board, 2016-2020

University of Kentucky, Universal Design Community of Practice, (Leadership Team), 2016-2020

University of Kentucky, University Information Technology Services (ITS) Research Enablement & Outreach Taskforce – Empowering Transformation – Information Technology Strategic Plan (2018), 2016-2020

University of Kentucky, University Assessment Council (UAC), 2016-2018

University of Kentucky-National Conferences on Undergraduate Research (NCUR) Advisory Committee, 2011-2020

University of Kentucky, 2015 Academic Leadership Academy Alumni Fellow, (Project Facilitator), 2015

University of Kentucky, PresentationU! | Cohort#2 Faculty, Developing Multimodal Integration for the 21st Century Design Studio (ARC354/ARC355), 27 August 2014 - December 2015

University of Kentucky, General Education Oversight Committee | Arts and Creativity – GenEd Expert Course Reviewer, 05-16 January 2012

University of Kentucky, College of Engineering-Department of Civil Engineering | Terrell-McDowell Chair in Construction Engineering and Management Selection Committee, 22 September – 15 November 2011

University of Kentucky-Rhodes and Marshall Selection Committee, 2008-2012

University of Kentucky, College of Engineering-Center for Visualization architect's review panel-Digital Village-Part Two, 06 November 2008

University of Kentucky Faculty Senate, elected Spring 2007, term August 2007-July 2010

University of Kentucky Appalachian Center University Advisory Board Member, Spring 2006-2012

University of Kentucky Faculty Tour of the Commonwealth Advisory Group, Fall 2002

Idea Factory Design Team, University of Kentucky Representative, Appointed by President Lee T. Todd, Jr., Fall 2001-2004

Research and Design of the Center for Visualization Research, Production Facility, for Vice-President Gene Williams, Spring-Summer 2001

CATalyst Project for Course Innovation Project, 'Synthetic Landscapes', Internet-based Distance Learning Curriculum, Spring 2000 [Course Begin Date: Spring 2002]

Interdisciplinary Curriculum, Digital Visualization Committee [College Architecture/Fine Arts], 1998

College Service:

Committees/Task Forces:

College of Design, Reynolds Building Committee, Spring 2019-2020
Lewis Honors College, Faculty Search Committee, Fall 2018-2020
Lewis Honors College, HCC – Honors College Committee (Elected), Fall 2017-2020
Lewis Honors College, AP Committee, Chair, Fall 2017-2020
College of Design, College Faculty Council, University of Kentucky, Fall 2017-2020
College of Design, Liaison to the American Institute of Architects Kentucky Chapter (AIA-KY), Fall 2012-2015
College of Design, Research Strategic Planning Committee, University of Kentucky, Spring 2006-2015
College of Design, Liaison to University Administration for Engagement Measurement Instrument Research Program, Fall 2007-2010
College of Design, Ad Hoc Committee for CHAP, University of Kentucky, 2007-2008
College of Design, Chair, Nominating Committee, University of Kentucky, 2007-2013
College of Design, Status of Faculty Committee, University of Kentucky, 2007-2010
College of Design, Ad Hoc Research Strategic Planning Initiative Committee, University of Kentucky, Fall 2005
College of Design, Ad Hoc Facilities Committee, University of Kentucky, 2004-2007
College of Architecture, Digital Task Force, University of Kentucky, College of Architecture, 2001-2006
College of Architecture, Curriculum and Thesis Committee, University of Kentucky, 2002-2003
College of Architecture, Publications Task Force, University of Kentucky, College of Architecture, 2000-2002
College of Architecture, LEAP Committee (Lectures, Exhibitions, and Publications), University of Kentucky, 2000-2001
College of Architecture, Facilities Committee, University of Kentucky, 2000-2002

Faculty Advisor:

National Organization of Minority Architecture Students (NOMAS) Faculty Coordinator, University of Kentucky-College of Design, School of Architecture, 2019-2020, 2004-2008
American Institute of Architecture Students (AIAS) Faculty Coordinator, University of Kentucky-College of Design, School of Architecture, 2010-2012
Principal Investigator, FormZ Joint Study, University of Kentucky, College of Architecture, 1998-2007; 2010-2012
Faculty Advisor, College of Architecture, *Synthesis* [Student Publication], 1998-2002

School Service:

Committees/Task Forces:

Chair, Status of Faculty Committee, University of Kentucky, College of Design-Department of Historic Preservation, Fall 2017-2020
Status of Faculty Committee, University of Kentucky, College of Design-School of Architecture, Fall 2006-2020
Chair, School of Architecture Faculty Search Committee, 2007; Member, Spring 2007
Ad Hoc Pope Villa Committee, University of Kentucky, College of Design-Department of Historic Preservation, 2004-2008
Scholarships Committee, University of Kentucky, College of Design-School of Architecture, 2000-2006
Facilities Committee, University of Kentucky, College of Design-Department of Historic Preservation, 2003-2006

Academic Coordinator:

Third Year Design Studio Coordinator, University of Kentucky, College of Design-School of Architecture, 2015 – 2020

Professional Service:

Professional Committees

University Liaison, American Institute of Architects – Academy of Architecture for Justice (AIA-AAJ) Knowledge Community, 2018-2021

Editorial Boards

Editorial Board Member, Technology | Architecture + Design (TAD), 2019-2022
Editor-in-Chief, Architecture + Environment, 2014-2016
Editor, Editorial Board Member, International Journal of Architectural Computing (IJAC),
2007-2016

Board of Directors

ACADIA – Association of Computer-Aided Design in Architecture
ACSA – Association of Collegiate Schools of Architecture
ACADIA Board of Directors 2005-2018 (Secretary, 2013-2016), Board Member
ACSA Board of Directors (Secretary), 2014-present (01 July 2014 – 30 June 2016)
ACSA Board of Directors (East-Central Regional Director), 2010-2013 (01 July 2010 – 30 June 2013)
ACSA Executive Committee, 2014-present; 2012-2013 (Regional Director Representative)
ACSA Governance Committee (Chair 2014-2015)
ACSA Architectural Education Committee, 2014-present (Chair 2014-2015)
ACSA Scholarly Meetings Committee, 2015-2016
ACSA Research Task Force, 2015-2016
ACSA Awards Committee, 2010-2013; (Chair) 2011-2013
ACSA Directors Committee, 2012-2013 (Chair)
ACSA Planning Committee, 2010-2012
ACSA Awards Committee, 2006-2014; (Chair) 2010, 2012, 2014
ACSA Faculty Councilor, University of Kentucky, College of Design—School of Architecture, 2002-2020
Idea Festival Project and Planning Team—Lexington, Kentucky, 2002-2006

National Task Forces:

Kentucky State Senate - High Performance Buildings Advisory Committee, Appointed by
Kentucky Governor Stephen Beshear, FY2013-2015 (01 July 2013—22 August 2015)
NCARB, ARE Test Specification Task Force, Committee Appointment - FY2013-2014
(01 July 2013 – 30 June 2014)

National Architectural Accreditation Board (NAAB) Visits:

NAAB Accreditation Visits: 2017, 2015

PROFESSIONAL ACTIVITIES:

Professional Development and Continuing Education Courses to maintain Professional
licensure (New York, Kentucky), 1998-present
Member of the American Institute of Architects – College of Fellows, 2022-present
Member of the American Institute of Architects, 2009-present
Member of the Association of Computer-Aided Design in Architecture (ACADIA), 2003-present
Member of the Ibero American Society of Digital Graphic (Sigradi), 2005-present
Member of the Education and Research in Computer Aided Architectural Design in Europe,
2013-present
Member of the Southeast Society of Architectural Historians (SESAH), 2002-present
Member of the Society of Architectural Historians (SAH), 2000-present
Commissioner, Softball League Apres-Moderne (SLAM), New York, New York 1991-1998
Baseball Player (Hudson Valley Rookie League), 1984-1995