

## Thomas Leslie, FAIA, FAAR

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ACSA Distinguished Professor  
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## Education

- 1992 M.Arch., Graduate School of Architecture, Planning, and Preservation  
Columbia University, NYC, NY  
*Annual History/Theory Award, 1992*
- 1989 B.S. in Architectural Studies (with high honors)  
University of Illinois at Urbana-Champaign  
*Edward Long Scholarship for Integration of Art and Architecture, 1989*  
*Society of Architectural Historians Award, 1989*
- 1988 Summer Program in Chinese Architecture  
Tongji University, Shanghai, People's Republic of China

## Employment & Appointments

- 2022-present Illinois School of Architecture, University of Illinois at Urbana-Champaign  
Ralph E. Johnson Professor in Design, 2025-present. Full Professor, 2023-present.  
Visiting Professor, 2022-2023.
- 2018-present Full Adjunct Professor, Department of Civil & Environmental Engineering,  
McCormick School of Engineering, Northwestern University, Evanston, IL
- 2000-2023 Department of Architecture, Iowa State University, Ames, IA  
Morrill Professor, 2016-2023. Pickard Chilton Professor in Architecture, 2011-2019.  
Director of Graduate Education, 2014-2018. Professor with tenure, 2011-2023. Associate  
Professor with tenure, 2006-2011. Assistant Professor, 2000-2006. Associate Chair for the  
Undergraduate Program (interim), 2009, 2012-13. ISU Center for Excellence in the Arts and  
Humanities Fellow, 2004, 2009. Rome Program Faculty, 2008. Director of Graduate  
Education (interim), 2006-2007. Miller Faculty Fellow, 2004.
- 2017 Senior Visiting Fellow, Institute of Advanced Studies.  
*Alma Mater Studiorum*, University of Bologna, Italy.
- 2015 Visiting Scholar, American Academy in Rome.
- 2015 Virginia Design Fellow,  
Hanbury Evans Vlattas + Wright Architecture + Planning, Norfolk, VA
- 2013-2014 Fellow, American Academy in Rome.  
*Booth Family Rome Prize in Historic Preservation*
- 2010 Eshbach Visiting Scholar, Department of Civil & Environmental Engineering,  
McCormick School of Engineering, Northwestern University, Evanston, IL

- 2007 Visiting Fellow, Faculty of Design, Architecture and Building, University of Technology, Sydney, Australia.
- 2007 Visiting Assistant Professor, Bauhaus-Universität International Advanced Architecture and Design Program, Weimar, Germany.
- 1993-2000 Sir Norman Foster and Partners, London, England/San Francisco, CA  
 Site Architect for Stanford University Center for Clinical Sciences Research, Project Architect for Al Faisaliah Banquet Hall, Riyadh, Saudi Arabia. Team Architect on Joslyn Art Museum, Omaha, NB and numerous competitions. Associate, 1997-2000.
- 1990 Intern Architect. Skidmore, Owings, and Merrill, Chicago, IL

## Funded Research, Recognitions, and Awards

- 2026 Textbook and Academic Author's Association Excellence Award for *Design-Tech: Building Science for Architects*
- 2025 AIA Illinois Educator Award
- 2025 University of Illinois Campus Research Board Grant (\$15,000) for production and design of *Crossroads of the Air: Chicago's Airport History*
- 2024 Newberry Library and Pattis Family Foundation Chicago Book Award (\$25,000)
- 2023 Association of Collegiate Schools of Architecture Distinguished Professor
- 2019 Short Term Research Fellowship, University of Illinois-Chicago Libraries. (\$4000)
- 2018 Fellow, American Institute of Architects
- 2017 Team member, "The Flaminio Stadium by Pier Luigi and Antonio Nervi in Rome: An Interdisciplinary Conservation Plan." The Getty Foundation "Keeping it Modern" Architectural Conservation Grant. (€161,000).
- 2016 FURTHERMORE Grant, J.M. Kaplan Fund for *Beauty's Rigor: Patterns of Production in the Work of Pier Luigi Nervi*. (\$5000).
- 2016 "The Rebirth of the Skyscraper: Technical Advances, 1930-1975." Supervisor for CTBUH Student Research Grant awarded to Saranya Panchaseelan and Shawn Barron. (\$20,000).
- 2015 AIA Iowa Educator Award.
- 2013-2014 Booth Family Rome Prize in Historic Preservation and Conservation, American Academy in Rome
- 2011 Sabbatical Fellowship, American Philosophical Society, Spring, 2011 (\$40,000)
- 2010 "Practicing Structures." NCARB Grant for the Integration of Practice and Education in the Academy. Fall-Spring, 2010. (\$11,850)
- 2010 Support Grant, Canadian Centre for Architecture
- 2009 "SCI-TECH: A Technology Sequence for Generation Green." Honorable Mention, U.S. Green Building Council Excellence in Green Building Education Awards.
- 2008 "Design Science" ACSA Creative Achievement Award (with Jason Alread, Karen Jeske, James Miller, Joe Muench, and Carl Rogers)
- 2008 ACSA Service Award (for chairing ACSA Subcommittee on Peer Review)

- 2007 Nancy J. Polster Teaching Award, Iowa State University College of Design
- 2007 “SCI-TECH: A Practice-Based, Integrative Approach to Building Technology Education”  
AIA Education Honor Award
- 2007 ACSA Service Award (for term on JAE Editorial Board)
- 2007 “Design-Tech: Building Science for Architects”  
Royal Institute of British Architects Construction Book of the Year Finalist
- 2006 “Steel and Glass: Regional Industry and the Making of the Chicago Skyscraper”  
National Endowment for the Humanities “We the People” American History and Culture Initiative  
Summer Stipend (\$5,000)
- 2006 “Writing About Architecture” ACSA Creative Achievement Award (with Ann Sobiech-Munson)
- 2004 “Design Science and Design for Society” Iowa State University Miller Grant (\$25,000)
- 2004 “Physics and Form: A Seminar in the History of Building Science.”  
ACSA Creative Achievement Award
- 2004 “Things in Their Best Order:  
The Role of Building Science in Louis I. Kahn’s Kimbell Art Museum”  
Graham Foundation for Advanced Studies in the Fine Arts
- 2003 ACSA/AIAS New Faculty Teaching Award

## Publications and Exhibitions

### *Books, Book Chapters, + Exhibitions*

- Under Contract*      *Crossroads of the Air: Chicago’s Airports, 1911-2003.* (Champaign, University of Illinois Press).
- 2026  
(scheduled)      With Zaida Garcia Requejo, “Possibilities and Limitations:’ Construction Technology at IIT” in Michelangelo Sabatino, ed., *Modernity and Chicago’s South Side: Architecture, Urbanism, and the Illinois Institute of Technology.* (Minneapolis, University of Minnesota Press).
- 2025      “Australia Square Tower,” “Australian Embassy in Paris,” and “MLC Centre” in Yoko Fukuda-Noennig and Francesco Romeo, eds., *a+u 2025:09 Feature: Pier Luigi Nervi.*
- 2025      Guest Curator, “The Modern Concrete Skyscraper.” March-October, 2025,  
The Skyscraper Museum, New York, NY.
- 2025      “No Bottom Here: The Evolution of Foundations in Chicago” and “Rigid Flesh on Creeping Things: The State of the Skyscraper Art in the 1890s” in Marci S. Uihlein, ed., *The Elements of Construction: N. Clifford Ricker, Architecture, and the University of Illinois.* (Champaign: University of Illinois Press).
- 2025      With Jason Alread and Robert Whitehead, *Design-Tech: Building Science for Architects.* (3rd Edition, Oxford: Routledge).
- 2024      “« Une Science Empirique » la Contribution de William Le Baron Jenney à l’Evolution du Gratte-ciel” in Jean-François Belhoste and Isabelle Parizet, *l’Invention du Gratte-Ciel à Chicago.* (Paris: Éditions SPM).
- 2023      *Chicago Skyscrapers: 1934-1986.* (Champaign: University of Illinois Press).
- 2024 *Newberry Library + Pattis Family Foundation Chicago Book Award*

- 2020 "The First Masonry-Free Skyscrapers" and "Buildings Without Walls: A Tectonic Case for Two 'First' Skyscrapers" in Lee Gray, et al., eds., *First Skyscrapers: Skyscraper Firsts*. (Chicago: CTBUH/SAH). 58-60, 96-103.
- 2020 "'Ultramodern and Ancient': Concrete and Nervi's Stadio Flaminio," in Ugo Carughi, Elisabetta Margiotta Nervi, Francesco Romeo, Piero Ostilio Rossi, Rosalia Vittorini, *The Stadio Flaminio in Rome by Pier Luigi And Antonio Nervi: An Interdisciplinary Conservation Plan*. (Rome: Università di Roma, La Sapienza + The Getty Foundation). 36-43.
- 2020 "Steel to Aluminum Curtain Wall: Pier Luigi's Nervi's *Palazzo del Lavoro*," in Clifton Fordham, ed., *Constructing Building Enclosures: History, Technology and Poetics in the Post War Era*. (New York: Taylor and Francis/Routledge).
- 2019 "Building Machines: Process & Production in Pier Luigi Nervi's Manifattura Tabacchi, Bologna," in Micaela Antonucci, Annalisa Trentin, and Tomaso Trombetti, eds., *La Manifattura Tabacchi a Bologna di Pier Luigi Nervi: Ricerche sull'architettura Industriale Contemporanea Tra Storia, Tecnica e Riuso*. (Bologna, Bononia University Press).
- 2018 Co-Editor, with Cristiana Chiorino. *Pier Luigi Nervi: Aesthetics and Technology in Building: The Twenty-First Century Edition*. (Champaign: University of Illinois Press).
- 2017 *Beauty's Rigor: Patterns of Production in the Work of Pier Luigi Nervi*. (Champaign: University of Illinois Press).
- Building Technology Educator's Society Book Award, 2021*
- 2015 "Building Technology," in Hugh Sletten, ed., *The Oxford Encyclopedia of the History of American Science, Medicine, and Technology* (New York: Oxford University Press).
- 2014 With Jason Alread and Robert Whitehead, *Design-Tech: Building Science for Architects*. (2nd Edition, Oxford: Routledge).
- 2013 *Chicago Skyscrapers, 1871-1934*. (Champaign: University of Illinois Press).
- 2012 "'Unavoidable Nuisances': Engineering and Engineers in the Work of Louis I. Kahn" in Jochen Eisenbrand, ed., *Louis I. Kahn: The Power of Architecture* (Basel: Vitra).
- 2012 "Hollow Stones, Hollow Floors: Structure, Space, and Services in Louis Kahn's Floor Systems," in Roberto Gargiani, ed., *Architraves, Platbands, and Floors*. (Lausanne: PPUR).
- 2012 With Norman Foster and David Jenkins, ed. *Millau Viaduct*. (Berlin: Prestel)
- 2012 "Glass and Light: The Role of Interior Illumination in the Chicago School," reprinted in Kiel Moe and Ryan Smith, eds., *Building Systems: Technology, Design and Society* (London: Routledge)
- 2012 "Environmental Education," in Joan Ockman, ed., *Architecture School*. (Cambridge, MA; MIT Press). 306-312.
- 2012 "Les 'Quatre Causes' de l'Architecture, ou la Réponse de Dankmar Adler au Texte de Louis Sullivan, 'de la Tour de Bureaux Artistiquement Considérée'" in Nikola Jankovic, ed., *Form Follows Function: de la Tour de Bureaux Artistiquement Considérée* (Paris, Editions B2). 49-74.
- 2009 "Millau Viaduct," "Oresund Bridge," "Repsol Service Station," and "Dresden Station." (essays). *Norman Foster: Works 5* (Berlin: Prestel)
- 2007 *Country Comes to Town: The Iowa State Fair*. (New York: Princeton Architectural Press).
- 2006 With Jason Alread, *Design-Tech: Building Science for Architects*. (Oxford, UK: Architectural Press).
- 2005 *Louis I. Kahn: Building Art, Building Science*. (New York: George Braziller).

## Journal Articles

- 2020 "Fluorescent Lamps: Visual and Thermal Comfort in Modern Interiors." *Construction History*. Vol. 35, no. 2. Winter, 2020. 89-112
- 2020 "Chicago's Other Skyscrapers: Grain Elevators and the City, 1838-1957." *Journal of Urban History*. May, 2020. <https://doi.org/10.1177/0096144220925446>
- 2019 "A 'Poet in Concrete': Structure, Fabrication and Aesthetics in the Work of Pier Luigi Nervi." *The Structural Engineer*, August, 2019. 12-17.
- 2019 "Insulation with Vision: Notes Toward a History of Insulated Glazing." *Association for Preservation Technology Journal*. May, 2019.
- Applied Historical Research Anne de Fort-Menares Award*
- 2018 With Saranya Panchaseelan, Shawn Barron, and Paolo Orlando, "Deep Plan, Thin Skin: Environmental Precursors to the Postwar Skyscraper." *Journal of the Society of Architectural Historians*, March, 2018.
- 2017 "Jumbo Architecture." *Histories of Postwar Architecture*, 1(1). <https://doi.org/10.6092/issn.2611-0075/7215>
- 2017 "'Holy Ground in the True Modern Sense': Pier Luigi Nervi's Unbuilt Fermi Memorial at the University of Chicago." *Journal of Illinois History*, 18:2. Summer, 2017.
- 2014 "The Monadnock Building Technically Re-Considered" *Council on Tall Buildings and Urban Habitats Journal*, Winter, 2014.
- 2013 "Carpenter's Parametrics: Economics, Efficiency, and Form in Pier Luigi Nervi's Concrete Designs." J. F. Abel, G. Arun, and M. A. Chiorino, eds. Special issue of *Journal of the International Association for Shell and Spatial Structures*. 54: 2&3. September, 2013.
- 2013 Guest Editor (with Bill Addis and Nick Bullock). Special Issue of *Construction History*, "Construction History in the Americas." 28:1. July, 2013
- 2010 "'Built Mostly of Itself': The Chicago Brick Industry and the Skyscraper in the Late 19<sup>th</sup> Century." *Construction History*. 25. 2010.
- 2010 "Henry Ives Cobb and the Chicago 'Postoffice Botch.'" *The Journal of Illinois History*. 13:4. Winter, 2010.
- 2010 "It May be Well to Amend Mr. Sullivan's Statement: Dankmar Adler's Response to 'The Tall Office Building Artistically Considered.'" *The Journal of Architectural Education*, 64:1. Oct., 2010.
- 2010 "Built Like Bridges: Iron, Steel, and the Importance of Riveted Steel to the Nineteenth Century Skyscraper." *Journal of the Society of Architectural Historians*. 69:2. June, 2010.
- 2008 "'As Large as the Situation of the Columns Will Allow': Building Cladding and Plate Glass in the Chicago Skyscraper, 1885-1905." *Technology and Culture*, Vol. 49, no. 2. April, 2008.
- 2007 "'A Museum of Living Architecture': Continuity and Contradiction at the Des Moines Art Center" (Co-authored with Jason Alread). *The Journal of Architectural Education*, Volume 61, no. 2.; November, 2007
- 2006 "1:1" (Theme Issue, Co-Edited with Jori Erdman, Clemson University) *The Journal of Architectural Education*, Volume 60, no. 2.; November, 2006

- 2006 "Just What is it that Makes Capsule Homes so Different, So Appealing? Domesticity and the Technological Sublime, 1945-1975." *Space and Culture*, Vol. 9, no. 2.; May, 2006
- 2005 "From Jetport to Worldport: The Pan Am Terminal at Idlewild/Kennedy and the Transition from Jet Age to Space Age." *Design Issues*, Volume 21, no. 1.; Winter, 2005.
- 2004 "Glass and Light: The Role of Interior Illumination in the Chicago School." *The Journal of Architectural Education*, Volume 58, no. 1; September, 2004
- 2003 "Form as Diagram of Forces: The Equiangular Spiral in the Work of Pier Luigi Nervi." *The Journal of Architectural Education*, Volume 57, no. 2; November, 2003.
- 2003 "Things in Their Best Order: Technical Aspects of the Salk Institute and Their Role in its Design." *The Journal of Architecture*, (RIBA/Routledge) vol. 8. 95-113; Spring, 2003.

#### Journalism and Authored Reviews

- 2026 Review of John K. Brown, *Spanning the Gilded Age: James Eads and the Great Steel Bridge*. *Technology and Culture*, forthcoming
- 2023 "Rise or Fall?" *Chicago Architect*, Vol. 8, no. 3. Fall, 2023. 34-48.
- 2023 Review of *Concrete Collaborations: August Komendant's Miracles in Concrete*. [Kunstiteaduslikke Uurimus](#), (Estonian Society of Art Historians and Curators), 2023 1/2. 226-229.
- 2021 "(A) Making Building: Student Innovation Center, Iowa State University." *Iowa Architect*, Fall, 2021. 23-26.
- 2018 "Proud and Soaring Things: Skyscrapers and the City." [Review of Jason M. Barr, *Building the Skyline: The Birth and Growth of Manhattan's Skyscrapers*; Scott Johnson, *Performative Skyscraper: Tall Building Design Now*; Mark Kingwell, *Nearest Thing to Heaven: The Empire State Building and American Dreams*; Adnan Morshed, *Impossible Heights: Skyscrapers, Flight, and the Master Builder*; and John Tauranac, *The Empire State Building: The Making of a Landmark*.] *The Journal of Urban History*, Fall, 2018.
- 2017 Review of Jay Pridmore, *Des Moines Architecture*. (Charleston, SC; The History Press, 2015) in *The Annals of Iowa*.
- 2016 Review of *Christian Menn: Brücken* (Zurich: Scheidegger & Spiess, 2015) in *Built Environment*.
- 2016 "'No Fat:' BNIM Renovates A Classic Design By Gordon Bunshaft, Showing That Brutalism Wasn't Always Cold-Hearted." *Iowa Architect*, Summer, 2016. 18-21.
- 2015 Review of Suzanne Bourgeois, *Genesis of the Salk Institute: The Epic of Its Founders*. *The Bulletin of the History of Medicine*, 89:1. Spring, 2015. 156-157.
- 2015 "At Your Service: The New Richard A. Clark Municipal Services Building Turns a Forgotten Brownfield Site Into a Statement of Commitment to Growth, Stewardship, and Investment in Quality Design." *Iowa Architect*, Fall, 2015. 26-29.
- 2014 Review of A. Pressman, *Designing Architecture*; J. Balmer and M. T. Swisher, *Diagramming the Big Idea*; J. F. Eckler, *Language of Space and Form*; B. Bielefeld, ed., *Basics: Architectural Design*; and G. Makstutis, *Architecture*. *Journal of Architectural Education*, Spring, 2014.
- 2013 Review of Rivka and Robert Oxman, eds. *AD: The New Structuralism*. *Journal of Architectural Education*, Vol. 67, no. 2. 323-324.
- 2013 "Heights of Fancy." [op-ed on topping out of One World Trade Center], *The New York Times*, May 31, 2013. A21.
- 2011 Review of Susan G. Solomon, *Louis I. Kahn's Jewish Architecture*. *Sofar: The Journal of Interdisciplinary Jewish Studies*. Vol. 29, no. 2. Winter, 2011. 222-224.

- 2011 "Ritual Space: When Is a House More Than a Home? When Every Move Within Is Thoughtfully Staged, Framed, And Elevated." *Iowa Architect*, Fall, 2011. 42-49.
- 2010 Review of Gail Fenske, *The Skyscraper and the City*. *Technology and Culture*. Vol. 52, no. 2. April, 2010. 506-507.
- 2010 "Riverfront Property" (University of Iowa Boathouse) *Iowa Architect*. 10:273. Fall, 2010. 12-15.
- 2010 "Still Life with Landscape: Balancing Traditions and Modernity in a Classic Iowa Setting" (Monson House, Iowa City, IA). *Iowa Architect*, 10:271. Winter, 2010. 14-15.
- 2009 "Keeping the Flame" (St. Patrick's Catholic Church, Iowa City, IA) *Iowa Architect*, Fall, 2009. 09:269, 14-17.
- 2009 "After the Storm" (Aplington-Parkersburg High School, Parkersburg, IA) *Iowa Architect*, Fall, 2009. 09:269, 24-25.
- 2009 "In Their Own Time" [Review of Joanna Merwood-Salisbury, *Chicago 1890*.] *The Architect's Newspaper*, Midwest Edition no. 01. 14 October, 2009.
- 2009 "Shedding Light" (Iowa State Bank and Trust, West Liberty, IA). *Iowa Architect*, Spring, 2009. 09: 267, 26-27.
- 2009 "Melrose Place: The Sequel" (Melrose Avenue Parking Facility, Iowa City, IA) *Iowa Architect*, Winter, 2009. 08: 266, 16-19.
- 2008 "Courting a Balance" (Marketplace Apartments, Des Moines, IA). *Iowa Architect*, Fall, 2008. 08:265, 22-23.
- 2008 "Sitework" (Oreon Scott Chapel, Drake University). *Iowa Architect*, Winter, 2008. 07:262, 18-19.
- 2007 "Spectacular Vernacular" (Oakwood Road Church, Ames, IA) *Iowa Architect*, Fall, 2007. 07:261. 14-17.
- 2007 "Architecture in Des Moines—A Quiet Legacy" *dsm*, Summer, 2007.
- 2007 "The Raw and the Cooked." (Lucca, Des Moines, IA.) *Iowa Architect*, Summer, 2007. 26-28.
- 2007 "Poröses Metall: School of Art and Art History Building, University of Iowa, von Steven Holl Architects." *werk, bauen + wohnen*, March, 2007.
- 2007 "Tall Done Well." (Plaza Towers, Iowa City, IA.) *Iowa Architect*, Winter, 2007. 06:258. 26-27.
- 2006 "Vältimatud Nuhtlused: August Komedant, Louis I. Kahn ja Arhitektuuri Ning Insenerikunsti Keerulised Suhted." [Unavoidable Nuisances: August Komendant, Louis I. Kahn, and the Difficult Relationship Between Architecture and Engineering.] *MAJA* [Estonian Architectural Review]. 4-2006 (50). December, 2006. 72-75.
- 2006 "An Office of Substance" (Substance Architecture Offices, Des Moines, IA.) *Iowa Architect*. Fall, 2006. 06:257. 26-27.
- 2006 "Des Moines Public Library Opens." *Architecture: The AIA Journal*, 95:7. Jul 2006. 18.
- 2006 "Precision Meets Tradition." (McWethy Hall, Cornell College, Mount Vernon, IA.) *Iowa Architect*. Spring, 2006. (Annual Awards Issue) 06:255. 22-23.
- 2006 "A Center at the Gateway." (John Crystal Center, Grinnell College, Grinnell, IA.) *Iowa Architect*. Spring, 2006. (Annual Awards Issue) 06:255. 26-27.
- 2005 "Four Square." (Wells Fargo, Des Moines). *Iowa Architect*. Winter, 2005.

- 2005 "River Phoenix." (Figge Art Museum, Davenport, IA. David Chipperfield Architects). *Architecture*. October, 2005. 94:10.
- 2005 "Snowbird: HLKB Architecture Goes Native in Port Orange, FL." *Iowa Architect*, Fall, 2005. 05:253.
- 2005 "Urbane Visitor: A Home Sits Tenuously on the Iowa Landscape." (Seely House, Madison County, Iowa). *Iowa Architect*, Winter, 2005. 04:250.
- 2004 "A Century of Iowa Architecture." Interview on C. Y. Stephens Auditorium, Ames, IA Iowa Public Television, December, 2004.
- 2004 "Building of the Century: C. Y. Stephens Auditorium, Iowa State University, 1969." *Iowa Architect*, Winter, 2004-2005 [special issue on 20th c. architecture in Iowa]. 04:249.
- 2004 "Gateway to the Next Century: Meredith Corporation Headquarters Expansion, Des Moines, 1998." *Iowa Architect*, Winter, 2004-2005 [special issue on 20th c. architecture in Iowa]. 04:249.
- 2004 "Architecture Aligns: The Seely House Lands in Southern Iowa." *dsm*, September, 2004.
- 2004 "Bad Builders: Kahn's Commitment" (letter). *The New York Times*, 15 Aug 2004.
- 2003 "You Begin Here: John Chrystal Center, Grinnell College." *Iowa Architect*, Winter 2003-2004. 03:246.
- 2003 "Winging It: The Christina Reiman Butterfly Wing, Ames, IA" *Iowa Architect*, Fall, 2003. 03:245.
- 2002 "Architectural Education: Physics and Form, Fall, 2001 Elective in Building Technology." *Iowa Architect*, Fall, 2002. 02:241.
- 2002 "A Transparent Partnership: Brooks Borg Skiles and the Des Moines Partnership Sell Downtown Des Moines." *Iowa Architect*, Fall, 2002 02:241
- 1999 "No Pain, No Gain," Review of Neil Leach, *The Aesthetics of Architecture*. *World Architecture* #81, November, 1999.
- 1997 "Man's Best Friend," Review of *The City after the Automobile*, Moshe Safdie and Wendy Kohn. *World Architecture* #59, September, 1997.
- 1997 "Have Airport Will Travel," Review of *Building for Air Travel*, John Zukowsky, ed. *World Architecture* #55, April, 1997.
- 1997 Book Review of Reyner Banham, *A Critic Writes*. *Architectural Record*, Feb., 1997.
- 1996 "The Legacy of the Airship: Ethereal Modernism and the Dynamic Maximum." *World Architecture* #43, February, 1996. pp. 114-115.

## Press Coverage, Interviews, and Reviews

- 2026 Rachel T., Schick and Sidra Dahhan. "Reframing the Narrative of the Concrete Skyscraper." *Concrete International*, vol. 48, no. 2, 2026. 29-33. Online at: <https://www.proquest.com/trade-journals/reframing-narrative-concrete-skyscraper/docview/3305205691/se-2?accountid=14553>
- 2025 Lee Bey, "Loop Skyscraper That Replaced Louis Sullivan Masterpiece Heads Toward Landmark Protection." *Chicago Sun-Times*, Nov. 28, 1925. Online at: <https://chicago.suntimes.com/architecture-design/2025/11/28/loop-skyscraper-louis-sullivan-stock-exchange-lasalle-landmark-protection>
- 2025 Lee Bey, "City Panel To Weigh Revitalization Of Lasalle Street Skyscraper." *Chicago Sun-Times*, July 9, 2025. Online at: <https://chicago.suntimes.com/architecture-design/2025/07/09/landmarks-commission-lasalle-street-art-deco-field-building-skyscraper>

- 2025 Helen Barrett, "Is This 19th-Century Factory the World's First Skyscraper?" *The New York Times*, June 20, 2025. Online at: <https://www.nytimes.com/2025/06/20/realestate/shrewsbury-worlds-first-skyscraper-england.html>
- 2025 Bill Millard, "Hard Truth." [Review of "The Modern Concrete Skyscraper"]. *The Architect's Newspaper*, June 5, 2025. Online at: <https://www.archpaper.com/2025/06/concrete-the-skyscraper-museum-new-exhibition/>
- 2025 Joann Gonchar, FAIA, "A New Exhibition at the Skyscraper Museum in New York Traces the Evolution of Concrete in Tall Buildings." *Architectural Record*, May, 2025. Online at: <https://www.architecturalrecord.com/articles/17563-a-new-exhibition-at-the-skyscraper-museum-in-new-york-traces-the-evolution-of-concrete-in-tall-buildings>
- 2025 John Hill, "Who Won the Race to the Sky? (The Answer is Concrete)." [Review of "The Modern Concrete Skyscraper"]. *World-Architects Magazine*, April 4, 2025. Online at: <https://www.world-architects.com/en/architecture-news/found/who-won-the-race-to-the-sky>
- 2025 Lee Bey, "Downtown's Big Red Gets New Flavor." *Chicago Sun-Times*, Apr. 4, 2025. Online at: <https://chicago.suntimes.com/columnists/2025/04/04/cna-center-reddish-chicago-downtowns-building-red-wabash-avenue-lee-bey>
- 2025 Anna Bressanin, "Mud, Water and Wood: The System that Kept a 1604-year-old City Afloat." *BBC Online*, March 26, 2025. Online at: <https://www.bbc.com/future/article/20250324-the-ancient-forest-that-supports-venice>
- 2024 Joseph M. Watson, "Skyscrapers and Their City: Reframing Chicago's Postwar High-Rises". *Journal of Planning History*, March, 2024. <https://doi.org/10.1177/15385132241238777>
- 2023 Zach Mortice, "2 Books for Your Winter Reading List." *Metropolis*, Dec. 12, 2023. Online at: <https://metropolismag.com/products/2-books-winter-reading-list-2023/>
- 2023 John Hill, "Favorite Books of 2023." *A Weekly Dose of Architecture Books*, December 18, 2023. Online at: <https://archidose.blogspot.com/2023/12/favorite-books-of-2023.html>
- 2023 John Hill, "Places in Time III." [Review of *Chicago Skyscrapers, 1934-1986*]. *A Weekly Dose of Architecture Books*, December 4, 2023. Online at: <https://archidose.blogspot.com/2023/12/places-in-time-iii.html>
- 2023 Zach Mortice, "Thomas Leslie's *Chicago Skyscrapers 1934-1986* Offers a Wide Survey of High Rises Across the Socioeconomic Spectrum." *The Architect's Newspaper*, August, 31, 2023. Online at: <https://www.archpaper.com/2023/08/thomas-leslie-chicago-skyscrapers-1934-1986-offers-wide-survey-high-rises-socioeconomic-spectrum/>
- 2023 "Skyscrapers and Skullduggery." *Unfrozen*, Podcast hosted by Daniel Safarik, CTBUH. August 26, 2023. Online at: <https://unfrozenarch.net/episodes/skyscrapers-and-skullduggery-360>
- 2023 Patrick C. Reardon, "Tall Towers as Tools of Profit and Racism, *Chicago Skyscrapers, 1934-1986*, by Thomas Leslie." *Third Coast Review*, July 14, 2023. Online at: <https://thirdcoastreview.com/2023/07/14/lit-review-chicago-skyscrapers-1934-1986-by-thomas-leslie/>
- 2023 "Summer Book Club, Part I: Chicago Skyscrapers, 1934-1986." *The Urbanist Podcast*, with Andrew Tuck. July 6, 2023. Online at: <https://monocle.com/radio/shows/the-urbanist/612/chicago-skyscrapers-1934-to-1986/>
- 2023 Ted C. Fishman, "Lofty History." [Review of *Chicago Skyscrapers, 1934-1986*]. *NewCity*, June, 2023. 72-75. Online at: <https://newcityshop.com/collections/newcity-magazine-current-issue/products/june-2023-issue-big-heat-food-drink-50-digital-edition>
- 2023 "The Story of Chicago Skyscrapers." *The John Landecker Show*, WGN Radio, Chicago. May 17, 2023. Online at: <https://wgnradio.com/john-landecker/the-story-of-chicago-skyscrapers/>
- 2022 Phil Edwards, "How Insulated Glass Changed Architecture." *Vox News*, Feb. 3, 2022. Online at: <https://www.vox.com/videos/22916422/insulated-glass-thermopane-architectural-design>

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- 2005      "Soaring Architecture: Iowa State Students Design Dream Gliderport." *Soaring Magazine*, January, 2005.
- 2003      Waterford North Quays: International Architectural and Urban Design Competition. (one of 41 entries chosen for publication out of 313 registrations)  
Dublin: Office of Public Works, Special Projects Unit.
- 2003      "Architectural Education: ISU Architecture Awards." (ACSA/AIAS New Faculty Award.) *Iowa Architect*. 03:243, Summer, 2003

## Conference Presentations + Lectures

- 2026      "A Century of Chicago Skyscrapers." Annual Lecture Series,  
The Casino Club, Chicago IL. Feb. 20, 2026.
- 2026      "Concrete Skyscrapers: A Transatlantic Dialogue."  
CONCRETO Steppingstone Program, Milan, Italy (online). Feb. 19, 2026.
- 2025      With Carol Willis, The Skyscraper Museum, NY. "Concrete City: Chicago's Role in Concrete High-Rise Engineering." Building Technology Educators' Society Annual Meeting, Chicago. June 4, 2025.  
  
Structural Engineer's Association of Illinois, Monthly Meeting, May, 2026  
  
The Skyscraper Museum, Nov., 2025.  
  
"Concrete Culture" Symposium at University of Illinois, Chicago. Oct., 2025.  
  
Keynote Address, Construction History Society, 9<sup>th</sup> Annual Meeting, Queens College, Cambridge, UK. Sept., 2025.  
  
Chicago Committee on High-Rise Building, Sept., 2025.
- 2025      "Postwar Chicago Skyscrapers." In-house lecture, Skidmore, Owings, and Merrill, Chicago. July 22, 2025.
- 2025      "The Terra Cotta High Rise." National Building Arts Center, Sauget, IL. May 28, 2025.
- 2025      "Materials, Methods, and Mentorship: A Conversation on *The Elements of Construction* with Marci S. Uihlein." AIA Chicago, May 22, 2025.
- 2025      "Iron, Light, Wind & Height: Wind Bracing in Chicago's Skyscrapers." University of Chicago "Physics and Contemporary Architecture" Lecture Series (online). April 3, 2025.

- 2025 "A Century of Chicago Skyscrapers." Annual Lecture Series, The Racquet Club, Chicago, IL. March 3, 2025.
- 2025 "High-Rise Design Strategies." Evolution of the Skyscraper class lecture (online). Yeshiva University, New York, NY. March 3, 2025.
- 2024 "Pattis Family Foundation Book Award Conversation: *Chicago Skyscrapers, 1934-1986*. Interview with Ed Keegan, *Chicago Tribune* Architecture Critic. Sept. 14, 2024. Online at: <https://youtu.be/e399CN9ZMoU?feature=shared>
- 2024 "Crossroads of the Air: Politics, Technology, Finance, and Chicago's Airport History." Eighth International Congress on Construction History, Zurich, Switzerland. June 27, 2024.
- 2024 "Chicago's Municipal Airport." Society of Architectural Historians Annual Meeting, Albuquerque, NM. April 18, 2024.
- 2024 "Concrete: A Brief History." *Concrete Steppingstone Academy*, Summer Workshop, Milan, IT (webinar). April 17, 2024. Online at: <https://youtu.be/Xy4A2zMZuns?feature=shared>
- 2024 "Building Chicago: Industry, Capital, Politics, and Construction in America's 'Second City.'" Brussels Academy *StadtsSalons Urbains* series, March 13, 2024. Online at: <https://youtu.be/fSaw64ky7Tg?feature=shared>
- 2023 "Concrete Solutions: Residential High-Rises in Chicago." The Skyscraper Museum New York, NY (online). November 21, 2023. Online at: <https://youtu.be/rrERJSffTs4?si=jkpipsq5DqFtLorV>
- 2023 "The Secret History of the Glass Boxes." Book talk, AIA Chicago "Third Thursday." Chicago, IL. November 16, 2023.
- 2023 "Chicago Skyscrapers, 1934-1986." Conversation with Lee Bey, *Chicago Sun-Times*. Newberry Library Public Program, Chicago, IL, October 12, 2023. Online at: <https://www.youtube.com/watch?v=IVOtVwdHAmY>
- 2023 "Reaching for the Sky: The Future of the Highrise." Presentation and panel discussion with Juliane Wolf, Design Principal, Studio Gang, Chicago, Teresa Córdova, Great Cities Institute, and Frédéric Chartier, Partner, ChartierDalix, Paris. Alliance Française de Chicago, Chicago, IL, September 27, 2023. Online at: [https://youtu.be/9eKX8g9WaPl?si=2JTg-q\\_JUm7jImKH](https://youtu.be/9eKX8g9WaPl?si=2JTg-q_JUm7jImKH)
- 2023 "Chicago Skyscrapers, 1934-1986." Book talk with Adam Rubin, Director of Education, CAC. Chicago Architecture Center Public Programs, July 11, 2023.
- 2023 "Concrete in a Steel City: Structural Innovation in Postwar Chicago." Conversation with Bill Baker, Partner Emeritus, SOM, and Carol Willis, Director. Skyscraper Museum Public Programs, New York, NY. June 27, 2023. Online at: [https://youtu.be/\\_zbmtxRz2KY?si=lkTySKPYngoCECi8](https://youtu.be/_zbmtxRz2KY?si=lkTySKPYngoCECi8)
- 2023 "Sidewalks in the Air: Chicago's Progressive Public Housing, 1933-1954." Society of Architectural Historians Annual Meeting, Montreal, QC. April, 2023.
- 2022 "A Poet in Concrete: Pier Luigi Nervi's Structural Architecture." Keynote Lecture, University of Kentucky Concrete Week, Lexington, KY. Nov., 2022.
- 2022 "The Technical Evolution of the Chicago Skyscraper, 1871-1934." AIA Historic Resources Committee, AIA'22, Chicago, IL. June, 2022.
- 2022 With Don Friedman, P.E. "Foundations, Frames, Facades, and Fire: Construction History in New York and Chicago." The Skyscraper Museum New York, NY (online). March-April, 2022.
- 2022 "Beauty's Rigor: Patterns of Production in the Work of Pier Luigi Nervi." Chrysler Museum of Art, Norfolk, VA (online). February 10, 2022.

- 2021 "Beauty's Rigor: Patterns of Production in the Work of Pier Luigi Nervi." Université du Québec à Montréal Public Lecture (online). December 2, 2021. Online at: [https://youtu.be/XF\\_H1bb-8qU](https://youtu.be/XF_H1bb-8qU)
- 2021 "Buildings to Boats: The Way Things Worked and Other Tales of Construction History." Construction History Society of America Webinar panel with David Macaulay. Sept. 17, 2021.
- 2021 "Current Research: Postwar Chicago Skyscrapers." Ph.D. Program Lecture, Illinois Institute of Technology. October 7, 2021.
- 2021 "Crossroads of the Air: Aviation Architecture in Chicago." Docomomo US Annual Meeting (online). May 26, 2021.
- 2021 "B-Sides: One Hit Wonders and Buried Treasures in Postwar Chicago Architecture." Chicago Council on High Rise Building Lecture (online). April 8, 2021.
- 2021 "Stadia by Pier Luigi Nervi." Lecture accompanying "Pier Luigi Nervi e l'Architettura del '900 a Firenze." Fondazione Architetti Firenze (online). March 12, 2021.
- 2021 "The Role of Codes and Testing in Postwar Chicago High Rise Construction." Internal webinar, Underwriters' Laboratories, Skokie, IL. Feb. 18, 2021.
- 2020 "Tall Buildings, Labor, and Capital Discussion with Joanna Merwood-Salisbury and Thomas Leslie." The Skyscraper Museum Webinar Lecture, Nov. 13, 2020. Available online at: <https://youtu.be/kQAi9J2BtDY>
- 2020 "Brick, Iron, and Steel." The Skyscraper Museum Webinar Lecture, Oct. 22, 2020. Available online at: <https://youtu.be/VTZJdHsmBkU>
- 2020 "Chicago's Other Skyscrapers: Grain Elevators and the City, 1838-1957." The Skyscraper Museum Webinar Lecture, Sept. 17, 2020. Available online at: <https://youtu.be/SDMPh55xhZ8>
- 2020 "The Lost Skyscrapers of Goose Island: Philip Armour's Grain Elevators, 1888-1933." Vernacular Architecture Forum Annual Meeting (Online). May 9, 1920. Available online at: <https://youtu.be/Q8rXrpWRlKE>
- 2020 "It Seemed Like a Good Idea:" Progressive Ideals, Civic Values, and Chicago's High-Rise Public Housing, 1950-1962." College Art Association Annual Meeting, Chicago, IL. Feb., 2020.
- 2020 "Beauty's Rigor: Patterns of Production in the Work of Pier Luigi Nervi." University of Texas-Austin Annual Lecture Series, Austin, TX. February, 2020.
- University of Louisiana-Lafayette Lecture Series, February, 2020.
- Louisiana State University Lecture Series, March, 2020.
- 2019 "Some Very Ordinary Algebra: Ruskin's Critique of the Crystal Palace and the Aura of Architecture." Ruskin Bicentenary 2019, Florence, Italy. November, 2019. (accepted, not presented)
- 2019 "Buildings Without Walls: A Tectonic Case for Two 'First' Skyscrapers." 10<sup>th</sup> World Congress, Council on Tall Buildings and Urban Habitats, "First Skyscrapers: Skyscrapers First" Program. Chicago, IL., October, 2019.
- 2019 "'Partners in Light:' How Plastics Enabled Fluorescent Lighting and the Modern Office." BTES Annual Meeting, Amherst, MA. May, 2019.
- 2019 "Chicago's Other Skyscrapers: Grain Elevators and Chicago's Growth as a Center of Exchange, 1850-1920." Keynote Address, Construction History Society of America and Association for Preservation Technology Western Great Lakes Chapter Annual Meetings, Chicago, IL. May, 2019.
- 2019 "Beauty's Rigor: Patterns of Production in the Work of Pier Luigi Nervi." Roger Williams University Annual Lecture Series, Bristol, RI. April, 2019.

- 2019 “Fluorescent Lamps: Visual and Thermal Comfort in Modern Interiors.” SAH Annual Meeting, Providence, RI. April, 2019.
- 2019 “Towards the Glass Box: Postwar Skyscrapers in Portland, New York and Chicago.” Public Programs Lecture, The Skyscraper Museum, New York, NY. April, 2019.
- 2019 “Pier Luigi Nervi and the Role of Structure in Architectural Beauty.” James Sutherland Memorial History Lecture, Institution of Structural Engineers, London, UK. February, 2019.  
Available online at: <https://www.youtube.com/watch?v=L9LTz8LXFSA>
- 2018 “Encoding Design: Chicago’s 1951 Building Code and the Postwar Skyscraper.” Chicago Design: Histories and Narratives, Questions and Methods. Terra Foundation for American Art and the Art Institute of Chicago, November, 2018.
- 2018 “Inevitably Translated: Pier Luigi Nervi’s Work with Harry Seidler in Australia.” SAHANZ Annual Meeting, Wellington, NZ. July, 2018. (accepted, not presented)
- 2018 “Laborious and Difficult:” The Evolution of Pier Luigi Nervi’s Hangar Roofs, 1936-1941.” Sixth International Congress on Construction History, Brussels, Belgium. July, 2018.
- 2018 “*Le Autostrade Sopraelevate*:” Pier Luigi Nervi’s Proposals for Steel Highway Viaducts in California.” International Association for Shell and Spatial Structures Annual Meeting, Boston, MA. July, 2018.
- 2018 Keynote Speaker, “Pier Luigi Nervi: Art and Science of Building.” Lehigh University, Bethlehem, PA. May, 2018.
- 2018 “Beauty’s Rigor: Patterns of Production in the Work of Pier Luigi Nervi.”  
Texas A&M Department of Architecture Annual Lecture Series, March, 2018.  
Louisiana Tech Department of Architecture Annual Lecture Series, April, 2018.  
Iowa State University Rome Program/American Academy in Rome Joint Lecture, April, 2018.  
Northwestern University McCormick School of Engineering Lecture Series, May, 2018.  
Lawrence Tech University Department of Architecture Lecture Series, November, 2018.
- 2017 Panelist, “The World is Old: History is New.” American Academy in Rome/National Trust for Historic Preservation, Chicago Architecture Biennial, November, 2017.
- 2017 “Brutal Grace: I.M. Pei’s Early Art Centers.” Re-Thinking Pei: A Centenary Symposium. Harvard University Graduate School of Design, October, 2017.
- 2017 “Flyover Manifesto.”  
AIA Iowa State Convention, Des Moines. Sept., 2017  
Building Technology Educators Society, Keynote Address, June, 2017.
- 2017 “Chicago Skyscrapers: Competing Interests and Struggles, Technological Advances, and Politics That Produced a New Built Landscape in the Loop.” Faculty Scholar Lectures, Chicago Architecture Foundation NEH Workshop for Educators and Mentors, Chicago, IL. July, 2017.
- 2017 “*La Manifattura Tabacchi a Bologna di Pier Luigi Nervi tra Storia e Riuso*”. HPA (History of Postwar Architecture) Talks series, Dipartimento di Architettura dell’Università di Bologna. April, 2017.
- 2017 “*La “Scatola di Vetro:” Perché no?*” Scuola di Ingegneria e Architettura, Facoltà di Architettura “Aldo Rossi” di Cesena. April, 2017.

- 2017 “Manifattura Tabbachi, Bologna: Construction History, Digital Techniques, and Adaptive Re-Use.” Institute for Advanced Studies, Alma Mater Studiorum, Università di Bologna. April, 2017.
- 2017 With Don Friedman, *Old Structures*, NY: “Debate: Which City is the ‘Birthplace of the Skyscraper?’” The Skyscraper Museum, New York, NY. March, 2017.  
Available online at: <https://www.youtube.com/watch?v=7ZVrFAMy95M&t=3544s>
- 2017 “Book Talk: Chicago Skyscrapers, 1871-1934.” The Skyscraper Museum, New York, NYC. March, 2017. Available online at: [https://www.youtube.com/watch?v=T\\_OY7E5EktU](https://www.youtube.com/watch?v=T_OY7E5EktU)
- 2016 “Deep Space, Thin Walls: Environmental and Material Precursors to the Postwar Skyscraper.”  
SOM Chicago, Office Presentation, December, 2016.  
Association for Preservation Technology Annual Conference, San Antonio, TX, Oct., 2016.  
Association for Preservation Technology, Western Great Lakes Chapter Annual Meeting, Libertyville, IL., April, 2016.
- 2016 with Ben Kruse and Kyle Vansice:  
“The Key to the Problem is the Section: Nervi’s *Architettura Navale*.”  
International Association for Shell and Spatial Structures Annual Meeting, Tokyo, Japan. Sept., 2016.  
Fifth Biennial Conference, Construction History Society of America. Austin, TX. June, 2016.
- 2016 Keynote Address, Third Annual Conference on Construction History, University of Cambridge, UK. April, 2016.
- 2016 “*I Lecciones De Historia De La Técnica*.” Workshop on Construction History. Presented in conjunction with Tom Peters, Lehigh University. Universidad de los Andes, Bogota, Colombia. March, 2016.
- 2016 “Beauty’s Rigor: Patterns of Production in the Work of Pier Luigi Nervi.” University of Florida, Gainesville, FL. Annual Lecture Series, February, 2016.
- 2015 Chicago Biennial Roundtable Discussion: “Research Chicago: Tall Buildings.” With Michelangelo Sabatino, Hanif Kara, Luke Leung, Martino Stierli, and Antony Wood. Illinois Institute of Technology, October, 2015.
- 2015 “Construction History in Chicago: Why Are We Here?” Keynote Address, Fifth International Congress on Construction History, Chicago, IL. June, 2015.
- 2015 with Kyle Vansice, “The Palazzetto dello Sport: Elements, Combinations, and a Philosophy of Congruence.” International Association for Shell and Spatial Structures Annual Symposium, Amsterdam, Sept., 2015.
- 2015 “Every Room an Outside Room: Environmental Technology and Light Courts in Chicago’s Skyscrapers.” Society of Architectural Historians Annual Meeting, Chicago, IL, April, 2015.
- 2015 “The Tall Building Technically Reconsidered.” University of Illinois at Urbana-Champaign, April, 2015.
- 2015 “Beauty’s Rigor: Patterns of Production in the Work of Pier Luigi Nervi.”  
University of Massachusetts, Amherst, March, 2015.  
Northwestern University, McCormick School of Engineering, October, 2015.

University of Houston, Houston, TX, October, 2015.

Technical University of Cottbus, Cottbus, Germany, November, 2015.

- 2015 "Built Like Bridges: Riveting and Wind Bracing in Early Chicago Skyscrapers." Structural Engineering Foundation of Illinois, Chicago, IL. March, 2015
- 2015 Program on Chicago Skyscrapers for Chicago Architecture Foundation Docents, February, 2015.
- 2014 "The Beaux-Arts Skyscraper Technically Reconsidered: Chicago's Towers of the 1920s and 30s." The Art Institute of Chicago. November, 2014.
- 2014 "Systeme Nervi: Production, Aesthetics, and the Role of Constraint in Nervi's Coperatura." Industries of Architecture, Newcastle, UK. November, 2014.
- 2014 "Chicago Skyscrapers, 1871-1934." Illinois Institute of Technology, Dept. of Architecture Public Lecture Series. October, 2014.
- 2014 "Regional Production and the Chicago Skyscraper." Keynote Address, South Dakota AIA Convention, Sioux Falls, SD. September, 2014.
- 2014 "Moving Weights: Nervi's Prefabricated 'Wave Ashlar' Roofs and the Artisanal Cantiere." International Association for Shell and Spatial Structures Annual Symposium, Brasilia, Brazil. September, 2014.
- 2014 "Beauty's Rigor: Patterns of Production in the Work of Pier Luigi Nervi." Iowa State University Department of Architecture, Architectural Advisory Council Lecture. September, 2014.
- 2014 "A Tale of Two Columns: Performance and Assembly in Similar Structural Elements from 19th Century Chicago and Postwar Italy." American Academy in Rome, Fellows 'Shoptalk' series, January, 2014.
- 2013 "Carpenter's Parametrics: Economics, Efficiency, and Form in Pier Luigi Nervi's Concrete Designs." International Association for Shell and Spatial Structures Annual Symposium, Wroclaw, Poland. September, 2013.
- 2013 "Chicago Skyscrapers." Public Lecture sponsored by Preservation Works, Minneapolis, MN. August, 2013.
- 2013 With Kris Nelson, "Repeat Performance: Acoustics as Evidence-Based Design." Building Technology Educators' Society Biannual Meeting, Bristol, RI., July, 2013.
- 2013 Panelist, "Resolved: Chicago/New York/Minneapolis was the Birthplace of the Skyscraper." Association for Preservation Technology, Western Great Lakes Chapter/Construction History Society of America Regional Meeting, Chicago, IL, June, 2013.
- 2013 "Chicago Skyscrapers." Lunchtime Lecture, University Club, Chicago, IL. June, 2013
- 2013 "Chicago Skyscrapers." Interview by Gary Johnson, President, Chicago History Museum. Printer's Row Literary Festival, Chicago, IL, June, 2013
- 2013 Session Chair, "BTES Special Session," ACSA Annual Meeting, San Francisco, CA, March, 2013
- 2012 "The Tall Building Laterally Reconsidered: The Structure of the Monadnock Block." Chicago Architecture Foundation, Docent Education Program. November, 2012.
- 2012 "Kahn at Yale: Technology as Ornament." University of Tennessee, Knoxville. Graduate Technology Seminar, October, 2012
- 2012 "The Wind Must be Looked After: Two Generations of Wind Bracing in Chicago Skyscrapers." Chicago Architecture Foundation Public Programs, Lunchtime Lecture Series. September, 2012.

- 2011 "Plate Glass Production and Skyscraper Design in Nineteenth Century Chicago Skyscrapers." Chicago Council on High Rise Buildings, April, 2011.
- 2011 "Built Like Bridges: The Importance of Steel to Wind Bracing in the Nineteenth Century Skyscraper." Association for Preservation Technology, Western Great Lakes Chapter. Chicago, IL, April 2011.
- 2010 "Construction History: An Integrative Approach to Architectural History and Practice." (Session Chair). AIA Iowa Annual Meeting, October, 2010.
- 2010 "Plate Glass Production and Skyscraper Design in Nineteenth Century Chicago Skyscrapers." AIA Minnesota Annual Meeting, November, 2010.  
 Association for Preservation Technology, Great Lakes Chapter. Chicago, IL, April, 2010  
 Goettsch Partnership Continuing Education Lecture, August, 2010
- 2010 "Richard Meier Building Celebrates 25 Years: What's Cherished? - What's Challenged? Two Architecture Professors, Two Opinions, One Moderator, Twenty-Five Years." With Jason Alread and Tim Hickman. Des Moines Art Center, August, 2010.
- 2010 "Built Like Bridges: The Importance of Steel to Wind Bracing in the 19th Century Skyscraper." Eshbach Visiting Scholar Lecture, Northwestern University McCormick School of Engineering. April, 2010.
- 2009 "A Great Architectural Problem: The Technical Evolution of the Chicago Skyscraper, 1871-1934." Poster Presentation, Council on Tall Buildings and Urban Habitats, Chicago, IL. October, 2009.
- 2009 "Breaking Stuff: A No-Frills Approach to Haptic Learning in Structures Classes." with Kevin Dong, P.E., Cal Poly, San Luis Obispo ARCE Department. Building Technology Educators' Society 2009 Conference, Albuquerque, NM. August, 2009.
- 2009 "Built Like Bridges: The Importance of Wind Bracing to the 19th Century Skyscraper." Third International Congress on Construction History, Cottbus, Germany, May, 2009.
- 2009 "Contemptible Details." Roundtable discussion with Edward Ford & Jonathan Ochshorn. 97th Annual Meeting, Association of Collegiate Schools of Architecture. Portland, OR, March, 2009.
- 2009 "Post-Mortem: Eight Years of Comprehensive Design Experiments and What Comes Next." (with Matthew Fisher and Gregory Palermo). 97th Annual Meeting, Association of Collegiate Schools of Architecture. Portland, OR, March, 2009.
- 2009 "Walking Nolli." (with Karen Bermann, Pete Gochè, and Christoph Kling). 97th Annual Meeting, Association of Collegiate Schools of Architecture. Portland, OR, March, 2009.
- 2008 "'It May be Well to Amend Mr. Sullivan's Statement:' Dankmar Adler's Response to 'The Tall Office Building Artistically Considered'" Society for the History of Technology Annual Meeting, Lisbon, Portugal, November, 2008.
- 2007 "Jumbo Architecture: Design for Aviation in an Age of Extremes, 1965-1980." University of Technology-Sydney Department of Architecture and Building. Sydney, Australia, August, 2007.
- 2007 "Louis I. Kahn: Building Art, Building Science" International Advanced Architectural Design Program (week-long lecture series) Bauhaus-Universität Weimar, Weimar, Germany, May, 2007.
- 2007 "SCI-TECH: A Practice-Based, Integrative Approach to Building Technology Education" (with Jason Alread) Education Honor Awards Session, American Institute of Architect Annual Meeting San Antonio, TX, May, 2007.
- 2007 "Modes of Making: Fabrication Beyond Speculation." (Session co-chair with Prof. Chris Beorkrem, Asst. Prof., UNC-Charlotte). Association of Collegiate Schools of Architecture Annual Meeting, Philadelphia, PA, March, 2007.

- 2007 "ELL 0143 Tallinn-Copenhagen: 1215 hours local, 9 Oct 2006: Notes on the Cordial Relations Between Structure and Architecture" Keynote Speaker, Cal Poly San Luis Obispo Structural Forum, February, 2007.
- 2006 "The Crystalline Cage: The Evolution of the Chicago Skyscraper, 1871-1934." Dordt College, Sioux Center, IA, Department of Art Annual Lecture Series, November, 2006.
- 2006 "Unavoidable Nuisances": Conflict and Collaboration in the Works of August Komendant and Louis I. Kahn."  
 "Kahn Days," Kuressaare, Estonia, October, 2006.  
 College Art Association Annual Meeting , (Society of Architectural Historians Invited Session). Boston, MA, February, 2006
- 2006 "The Crystalline Cage: Plate Glass Production and the Skyscraper in Chicago, 1889-1904." Society for the History of Technology Annual Meeting, Las Vegas, NV, October, 2006
- 2006 "Push/Pull: Two Integrative Curricular Experiments" with Jason Alread, AIA. First Annual Building Technology Educators Symposium, College Park, MD, August, 2006.
- 2006 "Cross-Discipline, Cross Country: A Collaborative Design Studio Integrating Architecture and Engineering." with Kevin Dong, P.E., Cal Poly, San Luis Obispo ARCE Department American Society for Engineering Education Annual Meeting, Chicago, IL, June, 2006.
- 2006 "Buildings Without Walls: Curtain Wall Development in Chicago Buildings of the 1890s." Second International Congress on Construction History, Cambridge, England, March, 2006
- 2006 "Louis I. Kahn: Building Art, Building Science."  
 University of Pennsylvania, PennDesign Lecture Series, April, 2006.  
 Judson College Department of Architecture, Annual Lecture Series, February, 2006.
- 2005 "Louis I. Kahn: Building Art, Building Science."  
 Houston AIA, Houston, TX, October, 2005.  
 Prairie Avenue Bookshop, Chicago, IL, September, 2005.  
 National Building Museum, Washington, D.C., July, 2005.
- 2005 "Architecture's Other Culture: The Role of Building Science in Architectural History." (Session Co-Chair with Dr. Ted Cavanagh, Dalhousie University). Society of Architectural Historians Annual Meeting, Vancouver, BC, April, 2005.
- 2005 "Building Art, Building Science: The Technical Evolution of Louis I. Kahn's Yale Art Gallery" ACSA Annual Meeting, Chicago, IL, March, 2005
- 2004 "Jumbo Architecture" The 1970s: Designing Futures, The University of Melbourne, Melbourne, Australia, Sept. 2004
- 2004 "Country Comes to Town: The Iowa State Fair and the Civic Representation of Industrialized Agriculture." Society of Architectural Historians Annual Meeting, Providence, RI, April, 2004
- 2004 "Joints Like Sculpture:' Louis I. Kahn's Richards Building and the 'Precisionist Strain.'" 92nd ACSA Annual Meeting, Miami, FL, March, 2004

- 2004 "Stanford University's Center for Clinical Sciences Research: A Case Study in Connecting the Two Cultures of Building Design." with Kevin Dong, P.E.  
ACSA Technology Conference, Miami, FL, March, 2004
- 2004 "Hollow Stones, Extruded Shells: Evolutionary Process in the Servant/Served Dialogues of Louis I. Kahn." ACSA Technology Conference, Miami, FL, March 2004
- 2004 "SCI-TECH: An Integrative Approach to Building Design, Culture and Technology." with Jason Alread, AIA. ACSA Technology Conference, Miami, FL, March 2004
- 2003-2004 "The Montreal Studio: A Comprehensive Approach to Comprehensive Design" with Matthew Fisher and Gregory Palermo, FAIA. 92nd ACSA Annual Meeting, Miami, FL, March, 2004  
  
ACSA SE Regional Meeting, Tampa, FL, November, 2003.  
  
ACSA SW Regional Meeting, Houston, TX, November, 2003
- 2003 "From Jetport to Worldport: The Pan Am Terminal at Idlewild and the Transition from Jet Age to Space Age." Society of Architectural Historians Annual Meeting, Denver, CO, April 2003
- 2002 "Just What is it that Makes Today's Capsule Homes So Different, So Appealing? Domesticity and the Technological Sublime." ACSA Technology Conference, Portland, OR, October, 2002
- 2002 "Capsule/Gantry: Two New Archetypes in the Architecture of the 1960s" ICRAM/Alvar Aalto Conference, Jyväskylä, Finland, August, 2002
- 2002 "Universal Space, International Style: Mies van der Rohe's Bacardi Project and the Long Span Ideal." ACSA International Conference, Havana, Cuba, June, 2002
- 2002 "Things in Their Best Order: Technical Aspects of the Salk Institute and their Role in its Design." 90th ACSA Annual Meeting, New Orleans, LA, April, 2002
- 2001-2002 "Form as Diagram of Forces: The Equiangular Spiral in the Roof Forms of Pier Luigi Nervi." 90th ACSA Annual Meeting, New Orleans, LA, April, 2002  
  
ACSA East Central Regional Conference, University of Waterloo, Ontario, Canada, October, 2001.
- 2001 "Beihane Nicht: Transparency Versus Ephemerality in Postwar Modernism"  
  
ACSA Technology Conference, Austin, TX, July, 2001.  
  
27th Annual Conference, Association of Art Historians, Oxford, England, March, 2001.
- 2001 "Energetic Geometries: The Dymaxion Map and the Transformation of Buckminster Fuller's Radical Pragmatism." 89th ACSA Annual Meeting, Baltimore, MD, March, 2001
- 2000 "Chanting the Square Deific: Themes of the Sacred and Profane in the Prairie School Work of Frank Lloyd Wright." 2000 ACSA East Regional Conference, Ann Arbor, MI, Nov., 2000
- 2000 "Structural Ingenuity in the Work of Ove Arup and Foster and Partners" with Kevin Dong, P.E., OAP SF. AIA Wisconsin Annual Convention, Madison, WI, Apr., 2000
- 1999 "Holistic Design: The Integration of Architecture and Engineering" with Kevin Dong, P.E., Eric Ko, P.E., and Jonathan Markowitz, P.E., OAP SF. AIA National Convention, Dallas, TX, Jun., 1999
- 1998 "Foster and Partners: Recent Work" Washington State University School of Architecture Lecture Series, Pullman, WA, Dec. 1998
- 1998 "Green Design in the Work of Foster and Partners" United Nations NGO on Climate Change Sponsored Lecture, NYC, NY, Apr., 1998

- 1997 “Ecological Design in the Work of Foster & Partners” with Nigel Dancey  
U.S. Green Building Council Annual Conference, Miami, FL., Nov., 1997
- 1997 “The Two Cultures of Architecture” Annual Structural Engineering Forum, California Polytechnic  
University, San Luis Obispo. San Luis Obispo, CA, Feb., 1997

## Service

- Current Doctoral Programme Academic Board, Alma Mater Studiorum, Università di Bologna  
Construction History Textbook Committee, Construction History Society UK/Belgium  
Management Committee, Construction History Society of America  
Editorial Board, *Memoirs of the American Academy in Rome*  
Editorial Advisory Board, *TAD*  
Editorial Board, *Construction History*  
Editorial Advisory Board, *Journal of Illinois History*  
Chair, Departmental Promotion and Tenure Committee 2  
Scientific Committee, SIXXI Program on 20<sup>th</sup> Century History of Italian Engineering  
Reviewer, *Journal of Architectural History*, *Histories of Postwar Architecture*  
Departmental Promotion and Tenure Committee 1 & 2, 2023-  
Faculty Sponsor (with Marci Uihlein and Kate Holliday), APT Student Timber Bridge Competition
- 2022-2025 Book Review Editor for the Americas, *Journal of the Society of Architectural Historians*.
- 2023 Conference Co-Chair (With Marci S. Uihlein), Construction History Society of America, 8<sup>th</sup> Regular  
Meeting. University of Illinois at Urbana-Champaign, June 22-24, 2023.
- 2016-2022 State of Iowa National Register Committee
- 2021 Dissertation Committee, Sofia Nannini, Istituto Politecnico di Torino
- 2020-2021 Scientific Committee, 7<sup>th</sup> International Congress on Construction History, Porto, Portugal.
- 2020 Dissertation Committee, Marcos Petroli, Illinois Institute of Technology.
- 2017-2020 Consultant and Contributing Author, Ugo Carughi, Elisabetta Margiotta Nervi, Francesco Romeo,  
Piero Ostilio Rossi, Rosalia Vittorini. *The Flaminio Stadium by Pier Luigi and Antonio Nervi in Rome: An  
Interdisciplinary Conservation Plan*. Pier Luigi Nervi Research and Knowledge Management Project +  
Università di Roma, La Sapienza. Getty Foundation “Keeping it Modern” Grant.
- 2019 Chair, Scientific Committee, Association for Preservation Technology, Western Great Lakes Chapter  
and Construction History Society of America Joint Symposium, Chicago, IL, May, 2019.
- Guest Juror, Heintzeman + Kremer Studio Prize Juries, Kansas State University. May, 2019.
- 2005-2018 Departmental Associate Chair, Academic Affairs/Outreach
- 2014-2018 Director of Graduate Education, Department of Architecture, Iowa State University  
Chair, Departmental Graduate Committee  
Departmental Executive Cabinet
- 2018 Chair, Scientific Committee, Construction History Society of America,  
6<sup>th</sup> Biennial Meeting, College Park, MD. May, 2018.
- Scientific Committee, 6<sup>th</sup> International Congress on Construction History,  
Brussels, Belgium. July, 2018.
- 2017 Chair, Scientific Committee, BTES Annual Meeting, Des Moines, IA, June, 2017
- 2015-2017 Thesis Examiner, University of Melbourne School of Graduate Research
- 2014-2015 Scientific Committee, Local Committee Chair, and Session Chair,  
5<sup>th</sup> International Congress on Construction History, Chicago, IL.

- 2007-2015 Secretary, Construction History Society of America
- 2007-2012 ACSA Faculty Councilor  
Board Member, Building Technology Educators' Society
- 2012 Scientific Committee and Session Chair, 4<sup>th</sup> International Congress on Construction History, Paris, France.  
Scientific Committee, Biennial Meeting, Construction History Society of America, Boston, MA  
Thesis Examiner, University of Melbourne School of Graduate Research
- 2011 Jury Chair, Virginia AIA Research Awards
- 2009 Panelist, *Journal of Architectural Education* Roundtable, ACSA 97<sup>th</sup> Annual Meeting  
Reviewer, ACSA Annual Meeting  
University Review Committee, NEH Summer Stipend Awards  
Collegiate Faculty Recognition Committee  
Chair, Departmental Faculty Search Committee  
Departmental Nomenclature/Budget Committee
- 2008 Dissertation Committee, Inge Bertels, Katholieke Universiteit Leuven, Belgium  
Chair, ACSA Subcommittee on Peer Review  
Speaker, ISU New Student Programs Orientation  
Reviewer, *Art History*
- 2007 Reviewer, NEH Summer Stipend Awards  
Reviewer, ACSA Southeast Conference  
Reviewer, ACSA Annual Meeting
- 2006-2007 Interim Director of Graduate Education, ISU Department of Architecture
- 2004-2007 Editorial Board, *Journal of Architectural Education*
- 2001-2006 Faculty Sponsor, AIAS/ISAO Chapter
- 2005 Dissertation Committee, Peter Raisback, University of Melbourne, Australia

## Memberships

- Member American Institute of Architects
- International Association of Shell and Spatial Structures
- Society of Architectural Historians
- Council on Tall Buildings and Urban Habitats
- Building Technology Educators' Society
- Construction History Society/Construction History Society America
- Society for American Baseball Research
- Registration State of Iowa, Licensed Architect #5499
- NCARB Certificate 37618

## Practice, Extension, and Creative Work (includes work with Foster and Partners)

2012-2013	Kupfer Residence Extension, Ames, IA
2012	Design-Build, "Elevation Station" for breadandcup, Omaha, NB (with Leah Rudolphi)
2012	New prep and service area planning, Café Diem, Ames, IA (with Leah Rudolphi)
2009	Library Expansion Citizens' Committee, Ames Public Library, Ames, IA
2005-2013	Historic Preservation Commission, Ames, IA
2004-2007	Carl Goy Residence, Grand Rapids, MI (unbuilt)
2007	Design Guidelines and Architectural Assessment Nomination of Martin House, Ames, IA, as a Local Historic Landmark
2007	Renovation of 822 Brookridge Ave., Ames, IA
2006	Design Guidelines and Architectural Assessment Nomination of Adams House, Ames, IA as a Local Historic Landmark
2005	Design Guidelines and Architectural Assessment Nomination of Roosevelt School, Ames, IA as a Local Historic Landmark (with Clare Cardinal-Pett and James Pritchard)
2003-2004	Campus Garage (Renovation of 1960s automobile service station, Ames, IA, with Jason Alread)
2003	Renovation of a 1926 Sears Catalogue House, 1207 Roosevelt Ave., Ames, IA.
2002	"A:House", Balsamo Residence, Downers Grove, IL (schematic design)
2002	Waterford North Quays International Competition, Waterford, Ireland.
2001	Flemington Jewish Community Center Competition, Flemington, NJ.
1996-2000	Center for Clinical Sciences Research, Stanford University (Foster and Partners) Site Architect
1994-1996	Al Faisaliah Banquet and Conference Center, Riyadh, Saudi Arabia (Foster and Partners) Project Architect
1993-1994	Joslyn Art Museum, Omaha, NB (Foster and Partners) Team Architect

## Teaching

Spring, 2026	ARCH 575. Integrated Design Studio. University City: Second Leiter Store Adaptive Re-use. Chicago, IL. With Wiss, Janney, Elstner, Pappageorge Haymes, and Central Building.
Fall, 2025	ARCH 575. Integrated Design Studio. CFFC Tower, 450-unit mixed use tower, Chicago, IL. With Related Midwest.  <i>Beatriz Mata, Aditi Panji &amp; Mohna Sharma, Honorable Mention, Graduate Studio Prize, Craft and Detail.</i>
	ARCH 200/403 CH. A History of Construction.
Spring, 2025	ARCH 575. Integrated Design Studio. Century and Consumers Buildings Adaptive Re-Use, Chicago, IL. With Wiss, Janney, Elstner, Pappageorge Haymes, and Central Building.

*Omar Abunnaja & Jasbir Bhamra, Ratio Graduate Prize for Craft + Detail.*

- Fall, 2024 ARCH 575. Integrated Design Studio. Dwell78, 450-unit mixed use tower, Chicago, IL. With Related Midwest.
- Michael Zemaits, Anam Hoque, and Muntasir Hakim, Honorable Mention, Edward C. Earl Graduate Design Excellence Award. 2<sup>nd</sup> Place, SARA New York Student Design Competition*
- ARCH 403 CH. A History of Construction.
- Spring, 2024 ARCH 575. Integrated Design Studio. West Loop Playhouse Theater, Chicago, IL.
- Fall, 2023 ARCH 575. Integrated Design Studio. Pilgrim Baptist Church/National Museum of Gospel Music, Bronzeville, Chicago, IL.
- Harshini Varanasi and Kabir Dole, Edward C. Earl Graduate Design Excellence Award; 2<sup>nd</sup> Place, Chicago Award in Architecture Student Awards.*
- ARCH 403 CH. Building: Construction: Work: An Introduction to Construction History.
- Spring, 2023 ARCH 575. Integrated Design Studio. AI78 Accelerator/Incubator, The 78, Chicago, IL.
- ARCH 403CH. Building: Construction: Work: An Introduction to Construction History.
- Fall, 2022 ARCH 575. Integrated Design Studio. Chicago Jazz Center, South Loop, Chicago, IL.
- Adam Czalpa and Owen Balk, Honorable Mention, Edward C. Earl Graduate Design Excellence Award.*
- ARCH 401. Building: Construction: Work: An Introduction to Construction History.
- Spring, 2022 DSN S 546. Urban Hotel Studio, taught in collaboration with Lee Cagley. Hotel Nervi, Via Flaminio, Rome, Italy. Field Trip to Rome. 6 cr.
- ARCH 346, 348. Structures modules for SCI-TECH sequence. 3 cr. total. Team taught with Rob Whitehead.
- ARCH 528B. Structures Zoo. Experimental structures focusing on hands-on lab experiments and haptic learning. 3 cr. Team taught with Rob Whitehead.
- Fall, 2021 Independent Study, Zaneta Jones. Residential Revitalization, Englewood, Chicago, IL.
- Independent Study, Jack Strait. Digital Skyscraper Reconstruction.
- Fall, 2020 ARCH 401. Integrated Studio. Des Moines Art Center Downtown. 6 cr.
- ARCH 345, 347, 445. Structures modules for SCI-TECH sequence, 5 cr. total. Adapted coursework for all-online teaching.
- Major Professor, Anna Aversing. "The Role of Kitsch in Architectural Communications."
- Spring, 2020 DSN S 545. Urban Hotel Studio, taught in collaboration with Lee Cagley. Eco-Resort Hotel, Diamond Head, Honolulu. Field Trip to Oahu. 6 cr.
- ARCH 346, 348. Structures modules for SCI-TECH sequence. 3 cr. total. Adapted coursework for all-online teaching.
- Fall, 2019 ARCH 603/403. Integrated Design Studio. Center for Experimental Music, Chicago, IL., partner with Sterling Bay, Developers, and SOM-Chicago. Field Trip to Chicago. 6 cr.
- ARCH 345, 347, 445. Structures modules for SCI-TECH sequence, 5 cr. total.

- Spring, 2019 DSN S 546. Urban Hotel Studio, taught in collaboration with Lee Cagley. Conference Hotel, Paris. Field trip to Paris, Chartres. 6 cr.
- Hang Gao, Tianling Xu, Wan Wei, and Zhuoqi Xu, Winners, Hospitality Design Annual Student Design Competition*
- Grant Bauermeister, Nastassja DeGarmo, Colton Howell, and Mark Ramirez, Finalists, Hospitality Design Annual Student Design Competition*
- Arch 517, 1a & 1b. "Big and Tall: Construction History from the Pyramids to the Burj." 3 cr.
- Independent Study, Miranda Moen, Norwegian Architectural Heritage
- Fulbright US Student Program Open Study/Research Award to Norway*
- Fall, 2018 Arch 603/403. "University City," 1.7m sq. ft. mixed use development, Chicago, IL. Field trip to Chicago. 6 cr.
- Arch 458/558. Professional Practice, with Kate Theusen and Leslie Forehand. 3 cr.
- Spring, 2018 DSN S 546. Interdisciplinary Studio. Courthouse/Mixed Use, Des Moines, IA.
- Fall, 2017 Arch 603/403. Integrated Design Studio, taught in collaboration with Lee Cagley. Amador Hotel, Panama City, Panama. Field trip to Panama City. 6 cr.
- Shawn Barron and Matt Lechowicz, Finalists, Hospitality Design Annual Student Design Competition*
- Nolan Christensen, Lucas Confalonieri, and Kyla Peterson, Finalists, Hospitality Design Annual Student Design Competition*
- Arch 458/558. Professional Practice, taught in collaboration with Ann Sobiech-Munson and Leslie Forehand. 3 cr.
- Spring, 2017 Arch 517x, 1a & 1b. "Big and Tall: Construction History from the Pyramids to the Burj." 3 cr.
- Fall, 2016 Arch 603/403. Integrated Design Studio, taught in collaboration with Lee Cagley. Amador Hotel, Panama City, Panama. Field trip to Panama City.
- Catie McClurg and Connor Yocum, First Prize, Twelfth Annual CSI Prize Competition*
- Sinisha Daljevic, Sankalp Gupta, and Miranda Spears, Finalists, Hospitality Design Annual Student Design Competition*
- Weicheng Chen and Anastasia Sysoeva, Winners, Hospitality Design Annual Student Design Competition*
- Arch 423. Topics in Renaissance to Eighteenth Century Architecture. 3 cr.
- Summer, 2016 Arch 507, Graduate Studio/Media III. 5 cr.  
"Hands-On, Hands-Off: Digital and Analog Representation." With Leslie Forehand.
- Spring, 2016 Arch 517x, 1a & 1b. "Big and Tall: Construction History from the Pyramids to the Burj." 3 cr.
- Independent Study, Aikebai Eblumiti and Zhengyang Hua, "Performing Arts Center, Chicago, IL." ACSA/AISC Steel Competition.
- Independent Study, Kyle Vansice and James Elliott, ACSA/AISC Steel Competition
- Fall, 2015 Arch 603, Graduate Integrated Design Studio. 6 cr.

- King Street Station Hotel, Seattle, WA. Field Trip to Seattle.
- Arch 643, Graduate SCI-TECH. 3 cr.
- Summer, 2015 Arch 507, Graduate Studio/Media III. 5 cr.  
"Perfect Works of Architecture: Inhabitation/Revitalization of Historic Iowa Structures."
- Spring, 2015 Arch 528b, Ia & Ib. "Big and Tall: Construction History from the Pyramids to the Burj." 3 cr.
- Independent Study, Morgan Clark, Holly Pohlmeier, Nyssa Hughes, "perFORM: Dance Theater/Barge, River Spree, Berlin, Germany."  
Independent Study, Rachel Cuthbert & Ming Duong, "Omaha Library."  
Independent Study, Hanwei Fan, Xiao Wang, and Yifeng Guo, "Miami Soccer Stadium."
- Second Place, ACSA/AISC Steel Competition.*
- Fall, 2014 Arch 603, Graduate Integrated Design Studio. 6 cr.  
Center for Experimental Music, Chicago, IL. Field Trip to Chicago.
- Arch 643, Graduate SCI-TECH. 3 cr.
- Summer, 2013 Arch 507, Graduate Studio/Media III. 5 cr.  
Inhabitation/Revitalization of Historic Iowa Structures
- Independent Study, Abigail Caldwell, "Affordances."  
Independent Study, Gentina Patton, "Dubuque Hotel."
- Spring, 2013 DSN 446/546, Interdisciplinary Option Studio. 6 cr., High Rise, Chicago, IL  
Field Trip to Chicago
- Arch 644, Graduate SCI-TECH IV (1/2). 3 cr.  
Arch 542, Graduate SCI-TECH II (1/2, co-taught with Charles Saul). 5 cr.
- Independent Study, Greg Uhrich, "Seattle Arena."  
Independent Study, Andrew Sundal, "Pedestrian Bridge, Seattle."
- Fall, 2012 Arch 403/603, Comprehensive Design II. 6 cr.  
Downtown Symphony Center, Boston, MA  
Level Co-coordinator, Field trip to Boston
- Arch 643, Graduate SCI-TECH III. 3 cr.
- Spring, 2012 Arch 302, Third Year Design Studio. 6 cr.  
SoHo Housing, NYC, NY  
Level Co-coordinator, Field trip to New York
- Arch 542, SCI-TECH II. 5 cr.
- Fall, 2011 Arch 403/603, Comprehensive Design II. 6 cr.  
Downtown Symphony Center, Boston, MA  
Level Co-coordinator, Field trip to Boston
- Xin Wu and Cijie Cao, First Prize, 7<sup>th</sup> Annual CSI Iowa Design Award*  
*Alex Michl and Michael VanDer Ploeg, Second Prize, 7<sup>th</sup> Annual CSI Iowa Design Award*
- Arch 643, Graduate SCI-TECH III. 5 cr.
- Summer, 2011 Arch 507, Graduate Studio/Media III. 5 cr.  
Inhabitation/Revitalization of Historic Iowa Structures
- Spring, 2011 Independent Study, Rachele Partridge, Shaghayegh Missaghi, and Mallory Furlong. "frame:WORK. Transitional Housing, Detroit, MI."

- Independent Study, Shaghayegh Missaghi and Ryan Gauquie, "Digital Reconstruction of Historic Chicago Skyscrapers."
- Fall, 2010 Arch 403, Comprehensive Design II. 6 cr.  
Velodrome, Boston, MA  
Level Co-coordinator, Field trip to Boston
- Kayla Ohrt and Jackson Den Herder, Second Prize, 6<sup>th</sup> Annual CSI Iowa Design Award*  
*Anna Jones and Kristen Reihl, Third Prize, 6<sup>th</sup> Annual CSI Iowa Design Award*
- Arch 643, Graduate SCI-TECH II. 5 cr.
- Structures module, Arch 245, Undergraduate SCI-TECH I. 5 cr.
- Thesis Advisor, Leah Rudolphi, "Cognitive Details."  
Thesis Committee, Kyoungmee Byun, "Community Building in a Cultural District as a Medium for Creating Intimacy and Social Affiliation with Interiors."  
Independent Study, Ben Holst, "Integrated Project Delivery."  
Independent Study, Matthew Morgan, "Details and Representation."
- Summer, 2010 Arch 404, Option Studio. 6 cr.  
IMCA Spectator Facilities, Boone Speedway, Boone, IA
- Spring, 2010 Faculty Professional Development Assignment  
Dept. of Civil and Environmental Engineering,  
Northwestern University, McCormick School of Engineering
- CIV ENV 395 & 396, Architectural Engineering and Design II & III  
Assisted Prof. Laurence Booth, FAIA
- Fall, 2009 Arch 403, Comprehensive Design II. 6 cr.  
New Media Library, Boston, MA  
Level Co-coordinator, Field trip to Boston
- Justine Bangert and Kiel Uhl, First Prize, 5<sup>th</sup> Annual CSI Iowa Design Award*
- Arch 643, SCI-TECH II. 5 cr.
- Independent Study, John Pepper, "Chicago Riverfront Hotel."  
Independent Study, John George, "Big Box Re-Use."
- Thesis Committee, Xue Yu, "Sensory Study in Restaurant Interior Design."
- Summer, 2009 Arch 507, Graduate Studio/Media III. 5 cr.  
Inhabitation/Revitalization of Historic Iowa Structures
- Spring, 2009 Dsn S 446/546, Interdisciplinary Studio with Cigdem Akkurt, Professor, Interior Design. 6 cr.  
Hotel/Mixed Use complex, Chicago, IL  
Field trip to Chicago
- Hilary Navratil, Stephanie Smothers, and Steven Sanda, Finalist,*  
*Hospitality Magazine National Student Competition*
- Arch 542/644, SCI-TECH II/IV. 5 cr.
- Arch 528b, "Physics and Form." 3 cr.

- Independent Study, Jennifer Ross, "Marketing and Architecture"  
Independent Study, Sarah Burnett, "Sustainability Literature Search"
- Fall, 2008 Arch 401, Comprehensive Design I. 6 cr.  
Glass Arts Seattle Fellows Center, Seattle, WA  
Level Co-coordinator, Field trip to Seattle
- Jessica Ehls and Kirsten Kruse, 1<sup>st</sup> Prize, Pella Design Competition*  
*Alex Hale and Kevin Wagner, 2<sup>nd</sup> Prize, Pella Design Competition*
- Arch 541/ 643, SCI-TECH I/III. 5 cr.
- Independent Study, Christina Clementi, Performing Arts Center, Stevens Point, WI  
Independent Study, Sarah Burnett, Intermodal Transit Station, San Diego, CA  
Independent Study, Steve Sanda, "Automated Design"  
Independent Study, Jenni Whitney, Transit Station, Chicago, IL  
Independent Study, Shea Nelson, Meat Packing Facility, Marhalltown, IA
- Spring, 2008 Arch 402, Rome Studio. 6 cr.  
"Perfect Works of Architecture"
- Arch 435, Rome Sketchbook. 3 cr.
- Fall, 2007 Arch 401, Fourth Year Design Studio. 6 cr.  
New Media Library, Boston, MA  
Level Co-coordinator, Field trip to Boston
- Dustin Hanford and Emily Wulf, 2nd Prize, 4th Annual CSI Iowa Design Award*
- Arch 528b, "Physics and Form." 3 cr.
- Arch 528d (1/3) Integrated Design Workshop. 3 cr.
- Independent Study, Tyler Jessen, "Re-Fabrication"  
Independent Study, Joe McElwain, "Music and Architecture"  
Independent Study, Chris MacIntosh, "Community Center, Colo, Iowa"  
Independent Study, Lauren Lynn, "Portland Eco-Development Competition"
- Summer, 2007 Arch 507, Studio/Media III. 5 cr.  
Inhabitation/Revitalization of Historic Iowa Structures
- I 1362, Special Project (Technology) [studio at University of Technology-Sydney]  
Gliderport, Cockatoo Island, Sydney Harbor, Australia
- Spring, 2007 DSN S 446/546, Interdisciplinary Option Studio. 6 cr.  
"Museum of Steel," AISC Steel Competition  
with Architectural Engineering Studio at Cal Poly, San Luis Obispo
- 2007 RDG/Bussard Dikis Award for top undergraduate project, Clay Gish and Brian Ogle*
- Arch 542, SCI-TECH II. 5 cr.
- Independent Graduate Project, Zach May, ACSA Preservation Competition, Cranbrook  
Independent Graduate Project, Liz Wardzinski, Red Oak Calendar Company Renovation
- Fall, 2006 Arch 544, SCI-TECH IV. 3 cr.
- Arch 528N, Integrated Design Workshop (1/3). 3 cr.
- DSN S 171x, Design Science (co-ordinator). 3 cr.
- Diploma Project, Kristi Krueger, Eco-Lodge, Minneapolis, MN

- Diploma Project, Mike Cady, Bamboo Bridge, London, UK  
 Diploma Project, Allison Falconer, Winery, Red Wing, MN  
 Diploma Project, Nathan Potratz, Ryan LeFevre, Jarrod Siegel, & Chris Carotta, Chapel Addition, Martin Luther College, New Ulm, MN
- Spring, 2006 Arch 403/404, Design Studies 446/546, Interdisciplinary Option Studio. 6 cr.  
 "Community Aquatics Center," AISC Steel Competition with Architectural Engineering Studio at Cal Poly, San Luis Obispo
- Arch 542, SCI-TECH II. 5 cr.
- Independent Graduate Project, Kevin Scott  
 "Design-Build & Furniture Production"
- Fall, 2005 Arch 401, Fourth Year Design Studio. 6 cr.  
 "Mediatheque du Quebec," Montreal, Quebec  
 Level Co-coordinator, Field trip to Montreal
- Matthew Bindner & Cody Knopp, 3rd Prize, 2nd Annual CSI Iowa Design Award*
- Arch 545x, SCI-TECH IV (2/3). 3 cr.
- Arch 541x, SCI-TECH I (1/3). 5 cr.
- Diploma Project, Andrew Gleeson, "Banks and Bank Robbers"  
 Independent Graduate Project, Leah Rudolphi, "LIFFE Exchange, Spitalfields, London, England"  
 Independent Graduate Project, Kent Brockman and Doug Conroy  
 "Off-Grid Settlement, Rural Missouri."
- Summer, 2005 Arch528k, "Writing About Architecture" (with Ann Sobiech-Munson). 3 cr.
- Spring, 2005 Arch 602/404, Graduate (Comprehensive) Studio, Undergraduate Option Studio. 6 cr.  
 "Gliderport," Brisbane, California with Architectural Engineering Studio at Cal Poly, SLO
- Arch 542, SCI-TECH II. 5 cr.
- Major Professor, Yijun Deng, "Suburban Development, Shanghai, PRC."  
 Major Professor, Darlene Gluck, "Teaching Laboratory, Georgetown University"
- Independent Study, Zachary Helmers, "Teaching Lab, Georgetown University, Washington, DC."  
 Independent Study, Dirk Mongrieg, "Briggs Barn, Hamilton County, IA."
- Thesis Committee, JaDee Goering, Beau Fey, Ryan Kranz, Brent Sevcik and Meredith White, "Jewell Country Club Design-Build, Jewell, IA".
- Fall, 2004 Arch 401, Fourth Year Design Studio. 6 cr.  
 "Mediatheque du Quebec," Montreal, Quebec  
 Level Co-coordinator, Field trip to Montreal
- Tonia Sorenson and Kristin Jensen, 1st Prize, 1st Annual CSI Iowa Design Award*  
*Anna Aversing and Chris Behrens, 2nd Prize, 1st Annual CSI Iowa Design Award*
- Arch 528g, Integrated Design Laboratory (1/2). 3 cr.
- Arch 545x, SCI-TECH IV (2/3). 3 cr.
- Arch 541x, SCI-TECH I (1/3). 5 cr.
- Spring, 2004 Arch 602 / LA 301, Second Year Graduate Studio / Undergraduate LA Studio. 6 cr.  
 ACSA Wood Competition, Farmer's Market, Boston, MA  
 (Team-taught with Julia Badenhope and Jamie Horwitz)

*Honorable Mention in competition awarded to “market2go,”  
Zachary Helmers, Amanda Sanders, Halef Gunawan*

Arch 542x, SCI-TECH II. 5 cr.

Independent Study, Sara Esser, “Kansas City Office Tower, Louis I. Kahn, Architect”  
Independent Study, Asa Plum, “Residence, Grand Isle, LA.”

Fall, 2003

Arch 401, Fourth Year Design Studio. 6 cr.  
Digital Media Research Laboratory, University of Quebec at Montreal, Montreal, Quebec. Level  
Coordinator. Field Trip to Montreal.

Arch 528G, Integrated Design Workshop. 3 cr.  
Arch 541x, SCI-TECH I. 5 cr.

Major Professor, Premnath Sundaram, “Classroom Building: College of the Desert, Palm Desert, CA.”  
Major Professor, Kris Nelson, “Transit Hub/Commercial Zone, Omaha, NB”  
Major Professor, James Leach, “Foundations Studios, Iowa State University”  
Major Professor, Brooke Jacobson, “Renovation of Grain Elevators—St. Paul Farmer’s Market, St.  
Paul, MN”

Thesis Committee, Ricardo Romero-Quintero, “Refugee Transitional Housing, Des Moines, IA.”  
Thesis Committee, Deepak Makarla (Con. E.) “I-235 Phasing”

Independent Study, Jesse Bulman, “Residential Technology”  
Independent Study, Velimir Menjulov, “Agricultural Architecture”

Summer,  
2003

Arch 528G, Integrated Design Workshop. 3 cr.

Spring, 2003

Arch 602, Second Year Graduate Design Studio. 6 cr.  
Gliderport, Ames Municipal Airport

Arch 528G, Physics and Form. 3 cr.  
Historical relationship between building form and technology.

Major Professor, John Grueber, “Modular Housing”  
Major Professor, Max Lee, “Suspended Housing, Red Rock Lake, Iowa”  
Major Professor, Chen Lin, “Environmental Housing, Beijing, China”

Independent Study, Adam Jonas, “Mental Health Center, Minneapolis, MN.”  
Independent Study, Chris Joyner, “Plastic Surgery Institute/Health Club, New York, NY.”

Fall, 2002

Arch 401, Fourth Year Design Studio. 6 cr.  
Digital Media Research Laboratory, University of Quebec at Montreal, Montreal, Quebec. Level  
Coordinator. Field Trip to Montreal.

Arch 528G-I, Integrated Design Laboratory. 3 cr.  
Workshop course focusing on combination of technical and architectural aspects in studio projects.

Major Professor, Eric Requist: “Walrus Architecture”

Thesis Committee, Zhe Hu: “Beijing Astronomical Observatory.”  
Thesis Committee, Melissa Leek (Construction Engineering), “Utilities Replacement Scheduling, I-235  
Construction, Des Moines, IA.”

Spring, 2002

Arch 402, Fourth Year Design Studio. 6 cr.  
Little Tokyo/SCI-ARC Branch Library, Los Angeles, CA. Level Coordinator. Field Trip to Los  
Angeles.

Arch 528G-I, Integrated Design Laboratory. 3 cr.

Thesis Committee, Lakshmi Sundaram, "Hindu Temple Design"

Fall, 2001

Arch 401, Fourth Year Design Studio. 6 cr.

Digital Media Research Laboratory, University of Quebec at Montreal, Montreal, Quebec. Field Trip to Montreal.

Arch 528G, Physics and Form. 3 cr.

Historical relationship between building form and technology.

Thesis Committee, Monish Sarkar, "Intelligent Building."

Spring, 2001

Arch 404, Fifth Year Design Studio. 6 cr.

Longspan: Drake University Stadium Reconstruction

Arch 232, Digital Communication. 3 cr.

Introduction to Form-Z, Photoshop, Adobe Freehand.

Freshman Honors Independent Study, Julie Halverson, "Residential Construction."

Fall, 2000

Arch 301, Third Year Design Studio. 6 cr.

Barch Farm Youth Home, Dubuque, IA. Field Trip to Dubuque.

Arch 230, Graphic Communication. 3 cr.

Introduction to three-dimensional drawing.