

Kiel Moe, AIA, FAAR

Kiel Moe is a registered practicing architect and **Associate Professor of Architecture & Energy** in the Department of Architecture at **Harvard University Graduate School of Design**. He is a Co-Director of the MDes program in the Advanced Studies Program, Co-Coordinator of the Energy & Environments MDes concentration, and Director of the Energy, Environments, and Design research unit at the GSD. His research and pedagogy reckons with the standing epistemological limitations of energy discourse and methods in architecture, and offers alternatives through design research, pedagogy and practice.

In recognition of his design and research, he was awarded the **2016-17 Fulbright Distinguished Chair in Helsinki, Finland**, the **2009-10 Gorham P. Stevens Rome Prize Fellow in Architecture**, and three fellowships at the **MacDowell Colony** in 2012, 2014 and 2016. Additionally he received the **2013 Boston Design Biennial Award**, the **2011 Architecture League of New York Prize**, the **2011 AIA National Young Architect Award**, and numerous design awards for individual projects from the AIA, North American Wood Design Awards, and Boston Society of Architects, among others. He is recipient of research funding from the David Rockefeller Center for Latin American Studies, the Softwood Lumber Board, the AIA Upjohn grant program, the AIA RFP grant program, the Boston Society of Architects Architectural research program, Junior Faculty research grants at the GSD and the Northeastern University Provost Faculty Development program.

He has published several books, including ***Empire, State & Building***, ACTAR, 2016; ***Insulating Modernism: Isolated and Non-Isolated Thermodynamics in Architecture***, Birkhauser, 2014; ***The Hierarchy of Energy in Architecture: Energy Analysis*** with Ravi S. Srinivasan, 2015; ***Convergence: An Architectural Agenda for Energy*** (2013), ***Thermally Active Surfaces in Architecture*** (2010) and ***Integrated Design in Contemporary Architecture*** (2008). He was co-editor of ***Building Systems: Design Technology & Society*** (2012). He is currently completing ***What is Energy & How (Else) Might We Think About It?*** with Sanford Kwinter, Actar (2016); and ***Wood Urbanism: From the Molecular to the Territorial***, with Jane Hutton and Daniel Ibanez, Actar (2016).

Moe received a B.Arch from the University of Cincinnati, the M.Arch from University of Virginia, and the M.Des in Design and Environmental Studies from the Harvard University Graduate School of Design Advanced Studies Program. He taught previously at Syracuse University where he was also associated with the Syracuse Center of Energy and Environmental Excellence. Before that, he was the Herbert S. Greenwald Visiting Professor at the University of Illinois, Chicago. In recognition of his pedagogy and teaching, Moe was awarded the **2010 ACSA/AIAS New Faculty Teaching Award**. In 1997, Moe worked at The Salk Institute for Biological Studies. One of his articles in the *Journal of Architectural Education*, "Extra-Ordinary Performances at the Salk Institute of Biological Studies," is based on his examination of the building while employed there. This article was awarded the **2009 ACSA/JAE Best Scholarship of Design Award**.

KIEL K. MOE

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Department of Architecture
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Harvard University

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Cambridge, MA 02138

Registered Architect, Commonwealth of Massachusetts: #20725

EDUCATION

- 2003 **M.Des**
Harvard University Graduate School of Design
Advanced Studies Program: Design and the Environment
- 2002 **M.Arch**
University of Virginia School of Architecture
- 2001 **B.Arch**
University of Cincinnati School of Architecture and Interior Design

ACADEMIC APPOINTMENTS

- 2011-present **Associate Professor of Architecture & Energy**
Co-Director, MDes post-professional design research program
Co-Coordinator, MDes Energy & Environments concentration
Director, Energy, Environments & Design Research Unit
Faculty Associate, Harvard University Center for the Environment
Department of Architecture
Graduate School of Design
Harvard University
- 2006-2011 **Associate Professor of Architecture** (awarded tenure 2011)
Northeastern University School of Architecture
- 2009 **Visiting Critic**
Berlage Institute, Rotterdam (Co-taught Master's Class studio with Lars Lerup, Fall 2009)
- 2005-2006 **Assistant Professor of Architecture**
Syracuse University School of Architecture &
Syracuse University Center for Excellence in Energy and Environmental Systems
- 2004-2005 **Visiting Assistant Professor**
University of Illinois, Chicago School of Architecture
- 2004 **Herbert Greenwald Visiting Critic**
University of Illinois, Chicago School of Architecture
- 2002-2003 Teaching & Research Assistant: Sanford Kwinter, Sarah Whiting/K. Michael Hays/George Baird
Harvard Graduate School of Design
- 2002 Studio Instructor
University of Virginia School of Architecture
- 2001-2002 Teaching Assistant: Peter Waldman, Bill Sherman, Ken Schwartz
University of Virginia School of Architecture

SCHOLARSHIP/RESEARCH: PUBLICATIONS

BOOKS

Kiel Moe, ***Empire, State & Building***. Barcelona/New York: Actar, 2016.

Kiel Moe and Sanford Kwinter, ***What is Energy & How (Else) Might We Think About It?*** Barcelona/New York: Actar (2016).

Daniel Ibanez, Jane Hutton, and Kiel Moe, ed., ***Wood Urbanism: From the Molecular to the Territorial***. Barcelona/New York: Actar (2016).

Ravi S. Srinivasan and Kiel Moe, ***The Hierarchy of Energy in Architecture: Energy Analysis***. London: Routledge, 2015.

Kiel Moe, ***Insulating Modernism: Isolated and Non-Isolated Thermodynamics in Architecture***. Basel: Birkhauser, 2014.

Kiel Moe, ***Convergence: Architectural Agenda for Energy***. London: Routledge, 2013.

Kiel Moe and Ryan Smith, Building Systems: ***Technology, Design, & Society***. London: Routledge, 2012.

Kiel Moe, ***Thermally Active Surfaces in Architecture***. New York: Princeton Architectural Press, 2010.

Kiel Moe, ***Integrated Design in Contemporary Architecture***. New York: Princeton Architectural Press, 2008.

CONTRIBUTIONS TO BOOKS

Kiel Moe, "Spatializing Odum." ***Energy Accounting***, William W. Braham and Dan Willis, eds. London: Routledge Press, 2016.

Kiel Moe, "Technics of the Modern Interior" & "The Baths of Caracalla", ***Interior Matters***. Madrid: A+T, 2016.

Kiel Moe, "Our Model of Models." ***Pragmatic Sustainability: Theoretical and Practical Tools***, Second Ed. Steven A Moore, ed. London: Routledge, 2015.

Kiel Moe, "Cellular Solidarity," in Javier García-Germán, ed., ***Thermodynamic Interactions: An Exploration into Material, Physiological and Territorial Atmospheres***, Barcelona: ACTAR, 2015.

Kiel Moe, "Plastic Rheologies: From the Molecular to the Territorial." ***Architecture and Plastic***. Billie Faircloth, ed. London: Routledge, 2015.

Kiel Moe, "This Monster of Energy." in Rosetta Elkin, ed., ***Platform 6***, 2014.

Kiel Moe, "The Formations of Energy in Architecture" ***Energy and Architecture (Again)***. William W. Braham and Dan Willis, eds. London: Routledge Press, 2013.

Kiel Moe, "Kiel Moe" ***Archive: Boston Design Biennial***. Boston: Pink Comma Books, 2013.

Kiel Moe, "Explications." ***Young Architects 12: It's Different. New York***. Princeton Architectural Press, 2012.

Kiel Moe, "Matter is but Captured Energy." ***Matter: Material Processes in Architectural Production***. Gail Borden and Michael Meredith, eds. London: Routledge Press, 2011.

Kiel Moe, "Technique is the Architecture of Sustainability." ***New Directions in Sustainable Design***. Adrian Parr and Michael Zaretsky, eds. London: Routledge Press, 2010.

Kiel Moe, "Automation Takes Command: The Nonstandard, Un-Automatic History of Standardization and Automation of Fabrication in Architecture." ***Fabricating Architecture : Selected Readings in Digital Design and Manufacturing***. Ed. Rob Corser. New York: Princeton Architectural Press, 2010.

JOURNAL ARTICLES

Kiel Moe, "Superorganism" *Harvard Design Magazine*, no. 43. 2017.

Kiel Moe, "Fiction Science" *Journal of Architecture*, (under review, 2016).

Kiel Moe, "An Architectural Agenda for Energy " *Arquitectura Viva*, no. 182. 2016. p. 80.

Kiel Moe, "Iatrogenic Architecture" *Harvard Design Magazine*, no. 40. 2015.

Kiel Moe, "Review: Simulation" *Journal of Architectural Education*, 69.2, 2015: 24-30.

Jason Moralee and Kiel Moe, "What Francesco di Giorgio Saw on the Capitoline Hill c. 1470," *Papers of the British School at Rome*, 83 (2015): pp. 149-73.

Kiel Moe, "The Nonmodern Struggle for Maximum Entropy" *New Geographies 6: Grounding Metabolism*, 2014.

Kiel Moe, "Air: Conditioning Architecture" *Volume 37: MECH Takes Command*, January 2014.

Kiel Moe, "Insulating North America" *Journal of Construction History*, Vol. 27, January 2013.

Kiel Moe, "Observations on the Concepts of Place in Post-Risk Societies in Recent Fiction." *Places*. 20.2 (2008): 42-3.

Kiel Moe, "Extra Ordinary Performances at the Salk Institute for Biological Sciences." *Journal of Architectural Education*. 61.4 (2008): 17-24. (Recipient of the 2008-2009 ASCA/JAE Best Scholarship of Design Article Award)

Kiel Moe, "Compelling yet Unreliable Theories of Sustainability." *Journal of Architectural Education*. 60.4, 2007: 24-30.

EDITED CONFERENCE PROCEEDINGS

William Braham and Kiel Moe, Eds. *Proceedings of the Annual ACSA/AIA National Pedagogy Conference. 2011.*

Billie Faircloth and Kiel Moe, Eds. *Exhibition Catalog of the 28th Annual Conference of the Association for Computer Aided Design in Architecture (ACADIA)*. 2008.

PRESENTATIONS/LECTURES

Virginia Tech University, School of Architecture, spring 2017

University of Navarra, Spain, School of Architecture, spring 2017

Aalto University, School of Architecture, 2016

Pontifical Catholic University of Chile, School of Architecture, spring 2016

Yale University, spring 2016

Illinois Institute of Technology School of Architecture, spring 2016

University of Hawaii School of Architecture, spring 2016

Arizona State University School of Architecture, spring 2016

Harvard Center for the Environment, spring 2016

Woodbury School of Architecture, spring 2016

Princeton University School of Architecture, fall 2015
The Ohio State University School of Architecture, fall 2015
University of Tennessee School of Architecture, fall 2015
University of Idaho School of Architecture, fall 2015
University of Virginia School of Architecture, spring 2015
Cal Poly San Luis Obispo, Architecture, spring 2015
Louisiana State University School of Architecture, spring 2015
Harvard GSD Cambridge Talks PhD symposium, spring 2014
Does Drawing Have a Future? MIT Architecture, spring 2014
Harvard GSD Cambridge Talks DDes symposium, spring 2014
Louisiana State University School of Architecture, spring 2014
University of Washington School of Architecture, spring 2014
Princeton University School of Architecture, fall 2013
University of Milwaukee School of Architecture, fall 2013
CUNY Spitzer School of Architecture, spring 2013
Yale School of Architecture, spring 2013
Harvard Center for the Environment, spring 2013
ACSA National Conference, San Francisco, spring 2013
University of Michigan, spring 2013
University of Maryland, spring 2013
University of Hawaii, spring 2013
Boston Architectural College, spring 2013
Columbia University GSAAP, fall 2012
University of Tennessee, Knoxville, fall 2012
Wentworth Institute of Technology, fall 2012
Architecture Boston, ABX, fall 2012
SMARTGEOMETRY, Troy, NY 2012.
Departamento de Arquitetura, Universidade de Coimbra, Portugal, Summer 2012
University of Pennsylvania Architecture and Energy (Again) Symposium, spring 2012
New Jersey Institute of Technology School of Architecture, spring 2012

Iowa State University School of Architecture, spring 2012

Harvard University Material Systems: Sources, Cycles, Design Symposium, 2011

University of Idaho Fall Lecture Series, 2010.

Auburn University Fall Lecture Series, 2010.

CIP TALKS, Zagreb, Croatia, 2009.

Berlage Institute Master's Class Lecture. Rotterdam, 2009.

Rhode Island School of Design in Rome, 2009

Keynote Lecture. Annual meeting of the New England Society of Architectural Historians. Cambridge, MA, Spring 2009.

Conversations on Architecture Series. Boston Society of Architects, Boston, MA, fall 2009.

Architecture League of New York & Urban Center Books, New York City, NY, fall 2008.

Panel Discussion: Integrated Design in Contemporary Architecture, Northeastern University School of Architecture, Boston, MA. fall 2008.

Design Computing Lecture Series. Massachusetts Institute of Technology, Cambridge, MA. fall 2008.

University of Cincinnati School of Architecture and Interior Design, Cincinnati, OH. fall 2007.

University of Illinois, Chicago School of Architecture and Interior Design, Chicago, IL. fall 2007.

American Collegiate Schools of Architecture/American Institute of Architects Cranbrook Teachers Conference, Bloomfield Hills, MI. June 2007.

2006 American Institute of Architects Integrated Practices Forum, Oak Park, IL. fall 2006.

Spring Lecture Series. University of Cincinnati School of Architecture and Interior Design, Cincinnati, OH. spring 2005.

Spring Lecture Series. University of Illinois, Chicago School of Architecture, Chicago, IL. spring 2004.

PEER REVIEWED CONFERENCE PROCEEDINGS

Kiel Moe, "Because Technique is Ourselves." Proceedings of the 2011 American Collegiate Schools of Architecture National Meeting, Montreal. March 2011.

Kiel Moe, "Architecture in the World Risk Society." Proceedings of the 2011 American Collegiate Schools of Architecture National Meeting, Montreal. March 2011.

Kiel Moe, "Thermally Active Surfaces" Proceedings of the 2010 American Collegiate Schools of Architecture Fall Regional Meeting, Chicago. October 2010.

Kiel Moe, "A Couple of Walls, A Roof, and Some Window Frames." Proceedings of the 2010 American Collegiate Schools of Architecture National Meeting, New Orleans. March 2010.

Kiel Moe, "Next Use Architecture." American Institute of Architects Committee on the Environment Whitepapers.

Kiel Moe, "Abstract and Literal Practices: Building Envelope Durability." Proceedings of the 2009 American Collegiate Schools of Architecture National Meeting, Portland, OR. March 2009.

Kiel Moe, "Making Conventions Speak through Integrated Design Studios." Proceedings of the 2009 American Collegiate Schools of Architecture National Meeting, Portland, OR. March 2009.

Kiel Moe, "Next-Use Architecture: Durability, Adaptability, and Serviceability." Proceedings of the 2009 American Collegiate Schools of Architecture National Meeting, Portland, OR. March 2009.

Kiel Moe, "Thermally Active Surface Structures." Critical Conversations Special Session. Proceedings of the 2009 American Collegiate Schools of Architecture National Meeting, Portland, OR. March 2009.

Kiel Moe and Billie Faircloth, eds. "ACADIA 08: Silicon + Skin: Introduction." Exhibition Catalog of the 28th Annual Conference of the Association for Computer Aided Design in Architecture (ACADIA), Minneapolis, MN. October 2008.

Kiel Moe, "Translations from (Digital) Drawing to Building." Proceedings of the 2008 American Collegiate Schools of Architecture National Meeting, Houston, TX. March 2008.

Kiel Moe, "The Social Construction of Sustainable Technics." Proceedings of the 2008 American Collegiate Schools of Architecture National Meeting, Houston, TX. March 2008.

Kiel Moe, "The Role of Water in Thermally Active Buildings." Proceedings of the 2008 American Collegiate Schools of Architecture Fall Southwest Regional Meeting, Austin, TX. October 2008.

Kiel Moe, "We Have Never Been Formal." Proceedings of the 2007 American Collegiate Schools of Architecture/American Institute of Architects Cranbrook Teachers Conference, Bloomfield Hills, MI. June 2007.

Kiel Moe, "Integrated Curricula" Proceedings of the 2007 American Collegiate Schools of Architecture/American Institute of Architects Cranbrook Teachers Conference, Bloomfield Hills, MI. June 2007.

Kiel Moe, "The Nonstandard and Un-Automatic History of Standardization and Automation in Architecture." Proceedings of the 2007 American Collegiate Schools of Architecture National Meeting, Philadelphia, PA. March 2007.

Kiel Moe, "Tubehouse." Proceedings of the 2007 American Collegiate Schools of Architecture National Meeting, Philadelphia, PA. March 2007.

Kiel Moe, "Automation Takes Command." Proceedings of the 2006 American Collegiate Schools of Architecture National Meeting, Salt Lake City, UT. March 2006.

NATIONAL PRESENTATIONS - REFEREED

Kiel Moe, "Matter is but Captured Energy." ACSA National Conference. Boston, MA. March 2012.

Kiel Moe, "Making Conventions Speak," ACSA National Meeting, Portland, March 2009.

Kiel Moe, "Abstract and Literal Practices," ACSA National Meeting, Portland, OR. March 2009.

Kiel Moe, "Next-Use Architecture," ACSA National Meeting, Portland, OR. March 2009.

Kiel Moe, "Translations from (Digital) Drawing to Building," ACSA National Meeting, Houston, TX. March 2008.

Kiel Moe, "Conditioning: History of Air Conditioning," ACSA National Meeting, Houston, TX. March 2008.

Kiel Moe, "Translations from (Digital) Drawing to Building," American Collegiate Schools of Architecture National Meeting, Houston, TX. March 2008.

Kiel Moe, "The Nonstandard and Un-automatic History of Standardization and Automation in Architecture," American Collegiate Schools of Architecture National Meeting, Philadelphia, PA. March 2007.

Kiel Moe, "Tubehouse," 2007 ACSA National Meeting, Philadelphia, PA. March 2007.

DESIGN RESEARCH AND PRACTICE

Independent professional projects

Kiel Moe, Architect, Boston [1998-present]

- 2016 LAGRANGIAN SAUNA, Halifax, VT: new construction 2017.
- 2015 MULESKINNER, Halifax, VT: new construction 2015.
- 2013 LA SCATOLA, Halifax, VT: new construction 2013.
- 2012 HOLMES TWINS, renovation. Eastport, ME: construction fall 2012-2015
- 2012 BRODY/PARK LOFT, renovation, Cambridge, MA: built. construction 2012
- 2011 BRICKHOUSE: Baltimore, MD
Competition, Masonry Office Building (w/ Chewyne Owens)

The Georgia Bar, Colorado (all design-build projects with/for Ron Mason) 1999-2010

- 2011 BLACKSHACK (520sf): built.
Design, documentation, construction.
- 2008 THE STACKHOUSE (432sf): built.
Design, documentation, construction.
- 2006 THE BUNK HOUSE (412sf): built.
Design, documentation, construction.
- 2004 TUBEHOUSE (784sf): built.
Design, documentation, construction.
- 2003 THE RIVER ROOM (240sf): built.
Design, documentation, construction.
- 2002 GEORGIA BAR WORKSHOP (640sf): built.
Design, documentation, construction.
- 2001 THE STUDIO (432sf): built.
Design, documentation, construction.
- 1999 THE TOWER (144sf): built.
Design, documentation, construction.
- 2009 STACKEDHOUSE for Hometta.com
Design, construction documents for downloadable house plans (1200sf)
- 2007 OK HOUSE (1200sf): zero-energy house in Enos, Oklahoma. project.
Design, documentation and administration
- 2007 CONNER HOUSE (1000sf): house in North Carolina. built.
Construction documents
- 2007 BENNINGBOX (500sf): Monolithic concrete music studio in Westcreek, CO. project.
Research design, design development, construction documents, and construction

- 2006 54B (3000sf): Web design in studio 54 building, NYC. project.
Schematic design, design development
- 2006 FIELDHOUSE: Sustainable house design competition. competition project.
Design competition: Honorable Mention
- 2006 GREENSTOP: Sustainable rest stop design competition. competition project.
Design competition
- 2005 636 OAK (1200sf): House addition, Chicago IL. project.
Schematic design, design development
- 2004 James Turrell installation at UIC's Gallery 400. built.
Design and documentation for re-installation of Turrell's Reyna

Design & Energy consulting projects

- 2010 Integrated Design Consulting for HEWV Architects, Norfolk, VA:
-Ross School, Islip, NY
-McCurty + Duncan Colleges, Rice University
-Universidad de Monterrey, Colegio Residencial, Monterrey, Mexico
- 2009 Integrated Design Consulting for AMD Architects, Denver:
-Denver Union Station Office Buildings (100,000sf)
-Boise State University Business School (100,000sf)
-Metropolitan State College Student Affairs Center (200,000sf)
- 2007-8 CANTOR HOUSE (2800sf): LEED Certified Gold house in Omena, Michigan. built.
Design, energy, and construction consultant
- 2007-8 EVOLVE (5000sf): yoga studio. project.
Design, energy, and construction consultant

Professional projects in other offices

Garofalo Architects: Chicago [2004-2005]

- 2004-5 Gary Residence (2400sf). built.
Design development, construction documents.
- 2004-5 Griffith Residence (2650sf). built.
Design development, construction documents.
- 2005 Hyde Park Arts Center (18,000sf). built.
Building envelop consultant, construction documents.

WW Architecture: Somerville, MA [2003-2004]

- 2004 San Jose State University Museum of Art & Design (95,000sf). project.
Schematic Design
- 2004 San Diego Waterfront Development Competition. project.
- 2004 Calumet Environmental Center Competition. project.
- 2003 San Jose State University Museum of Art & Design: Phase II Competition. project.

Hargreaves Associates: Cambridge [2003]

2003 Chattanooga Riverfront Redevelopment: First Street Steps: built.
Construction documents

University of Cincinnati Architecture Practicum [1998-2001]

2001 David Niland, Architect: Retrospective. Kaplan Gallery, UC.
Curator

1999 A-WALL. built.
Design/construction of wall for Senator Arnoff at the College of DAAP built

1999 Corryville Low Income Housing. project.
Research, schematic design, design development

1998 Montessori Learning Center renovation and addition. project.
Schematic design

1998 Montessori Learning Center bridge. project.
Schematic design, design development

The Salk Institute for Biological Studies: La Jolla, CA [1998]

Salk Institute Facility Services.
Custodian: measured and drew the as-built set of drawings for the buildings

Michael McInturf Architect: Cincinnati [1997-1998]

Mor.Hse (3000sf): Single Family Residence. project.
Research, conceptual and schematic design, design development

John Senhauser Architect: Cincinnati [1996]

Johnson Residence. built.
Construction documents

Anderson Mason Dale PC: Denver [1994-1995]

1995 University of Colorado, Student Housing. built.
Schematic design, design development.

1994 University of Colorado, Geology Building. built.
Schematic design through construction documents.

1995 Fort Lewis College Art Building. built.
Construction documents.

1995 Broomfield High School Renovation/Addition. built.
Construction documents.

HONORS/AWARDS: DESIGN

2016	Fulbright Distinguished Chair at Aalto University, Helsinki, Finland for 2016-17
2016	Fellow, MacDowell Colony for the Arts
2015	Arctic Circle Residency: Summer Art/Science Expedition
2014	Fellow, MacDowell Colony for the Arts
2014	Visiting Artist, American Academy in Rome
2013	Boston Design Biennial winner
2012	Barbara and Andrew Senchak Fellowship, The MacDowell Colony
2011	Architecture League of New York Young Architect's Prize Exhibition
2011	AIA National Young Architects Award
2009-10	American Academy in Rome Gorham P. Stevens Rome Prize in Architecture
2010	Virginia Design Medal
2010	American Collegiate Schools of Architecture National Design Awards Mountain Chapel design build project in Colorado
2009	North American Wood Council Design Honor Award Mountain Chapel design build project in Colorado
2009	American Institute of Architects Colorado Design Honor Award Mountain Chapel design build project in Colorado
2009	American Institute of Architects Denver Design Merit Award Mountain Chapel design build project in Colorado
2009	Metropolis NEXT-GENERATION competition on energy use in the 21st Century: Honorable Mention: Thermally Active Surfaces
2009	American Collegiate Schools of Architecture National Design Awards Tubehouse design build project in Colorado
2007	Boston Society of Architects: In Pursuit of Housing: Design and Technology Award Benning Box project
2006	American Institute of Architects Committee on the Environment FIELDHOUSE. Honorable Mention in 'House for an Ecologist' competition.
2006	American Institute of Architects Denver/Rocky Mountain News Tubehouse Architect's Choice Award
2005	American Institute of Architects Western Mountain Region Design Merit Award Tubehouse design build project in Colorado
2005	American Institute of Architects Colorado Design Honor Award Tubehouse design build project in Colorado

- 2005 American Institute of Architects Denver Design Merit Award
Tubehouse design build project in Colorado
- 2004 (with WW Architects) PA Awards: Progressive Architecture Citation
San Jose State University Art Museum
- 2003 SOM Foundation: Chicago Institute for Architecture and Urbanism Competition
1st Prize
- 2003 (with WW Architects) San Jose State University Museum of Art and Design Competition
1st Prize
- 2002 Chicago Athenaeum: American Architecture Award
The River Tower and Studio design build projects in Colorado
- 2002 American Institute of Architects Western Mountain Region Design Merit Award
The River Tower and Studio design build projects in Colorado
- 2002 American Institute of Architects Colorado Design Honor Award
The River Tower and Studio design build projects in Colorado
- 2002 North American Wood Council Design Honor Award
The River Tower and Studio design build projects in Colorado
- 2002 University of Virginia School of Architecture and Landscape Architecture
Design Merit Certificate.
- 2001 University of Cincinnati School of Architecture and Interior Design
AIA Henry Adams Medal: Highest GPA in each graduating class.
- 2001 University of Cincinnati School of Architecture
Thesis Prize Award: "Best in Show" Design award for Senior Thesis.
- 2001 University of Cincinnati School of Architecture
Alpha Rho Chi Medal: "For service to the school and promise in the profession."
- 1999 American Institute of Architects Colorado Design Honor Award
The River Tower design build project in Colorado
- 1998 Young Architects and Interns Forum Cincinnati Design Competition: 2nd Annual
Second Place: "Main Street"
- 1997 Young Architects and Interns Forum Cincinnati Design Competition: 1st Annual
First Place: "Where-houses"

EXHIBITIONS: DESIGN

- 2017 Solo Exhibit "Lagrangian Architecture"
2017 Seoul Biennale
- 2016 Solo Exhibit "My Model of Models"
University of Hawaii School of Architecture
- 2013 Boston Design Biennial Group Exhibit
BSA Space
- 2013 Solo Exhibit: Kiel Moe
University of Cincinnati

- 2011 Architecture League of New York: Young Architect's Prize Group Exhibit
Arnold and Sheila Aronson Galleries, Parsons The New School for Design
- 2010 Open Studios Group Exhibition
American Academy in Rome
- 2008 Northeastern University Solo Exhibition
"Moe Works: 1998-2008"
- 2007 GreenBuild International Conference Group Exhibition
"A House for an Ecologist": FIELDHOUSE
- 2007 Chicago Architecture Foundation Group Exhibition
"A House for an Ecologist": FIELDHOUSE
- 2007 Boston Society of Architects Group Exhibition
"In Pursuit of Housing" Exhibition: BENNING BOX
- 2006 Boston Society of Architects Group Exhibition
Young Designers Digital Exhibition, Build Boston Design Gallery: Tubehouse
- 2006 Art Institute of Chicago
GRIFFITH HOUSE (completed for Garofalo Architects)
- 2006 American Institute of Architects National Convention Group Exhibition
Committee on the Environment Exhibition
'House for an Ecologist': FIELDHOUSE
- 2006 American Institute of Architects Committee on the Environment Symposium
"The Architecture of Sustainability Group Exhibition
'House for an Ecologist': FIELDHOUSE exhibited
- 2004 Exhibition of Competition proposals, Illinois Institute of Technology
Ford Calumet Center, Chicago (with WW Architects and STOSS)
- 2004 University of California, Los Angeles, School of Architecture
"Go Figure"
San Jose State University Museum of Art and Design (WW Architects)
- 2004 National Building Museum, Washington, DC
'Liquid Stone' Exhibition
San Jose State University Museum of Art and Design (WW Architects)
- 2004 Rhode Island School of Design, School of Architecture
San Jose State University Museum of Art and Design (WW Architects)
- 2002 Chicago Athenaeum Group Exhibition
American Architecture Award
The River Tower and Studio design build projects in Colorado
- 2001 University of Cincinnati College of Design, Art, Architecture and Planning
Kaplan Gallery Group Exhibition
"The National Wind Technology Center" Thesis Project
- 1997 Skirball Museum, Hebrew Union College, Cincinnati
"Booth/Sukkah" installation with Daniel Friedman and Diane Fishbein
- 1997 University of Cincinnati College of Design, Art, Architecture and Planning
"Booth/Sukkah" installation with Daniel Friedman and Diane Fishbein, Kaplan Gallery

PUBLICATION CITATIONS: (ABOUT DESIGN WORK)

BOOKS

Keith Moskow and Robert Linn, Contemporary Follies, New York: The Monacelli Press, 2012.
[Stackhouse, Tower, and Studio design & build projects in Colorado]

Amanda Reeser Lawrence, "Stackhouse," PRAXIS 13: Eco-Logics, 2011.

Don Griffith. The Wood Design Awards 2010: North American Program of Architectural Excellence.
Tuns Press. 2010. [Stackhouse design & build project in Colorado]

Michelle Kodis. Modern Cabin. Gibbs Smith Publishing, New York, p 180-187.
[Tubehouse]

Jean-Louis Cohen & M. Moeller, ed. Liquid Stone: New Architecture in Concrete. Birkhauser
[San Jose State University Museum of Art and Design]

Don Griffith. The Wood Design Awards 2002: North American Program of Architectural Excellence.
Tuns Press. 2002. [The River Tower and Studio design build projects in Colorado]

Brian Carter. All-American: Innovation in American Architecture. Thames & Hudson, NY 2002.
[McInturf Architects-Mre.Hse]

Dale Mulfinger and Susan Davis. The Cabin. Taunton Press, 2001.
[The River Tower and Studio design build projects in Colorado]

Nora Greer, ed. Anderson Mason Dale Architects PC. Ariel Editions, 2000.
[The River Tower design build project in Colorado]

Ezra Stoller. The Salk Institute. New York: Princeton Architectural Press, 1999. [Salk Institute Drawings]

Marco Frascari. "Pneumatic Architecture," Plumbing: Sounding Modern Architecture. New York:
Princeton Architectural Press, 1997. [Carlo Scarpa drawings]

MAGAZINES, JOURNALS

"Stackhouse"
PRAXIS: Journal of Architecture + Writing, v. 13 Ecologies
2012

"Chapel of the Sky"
Wood Design and Building. Winter 2009-10, no. 49. p12
[The Chapel design build project in Colorado]

"Boston Society of Architects: 2007 Design Awards Program"
Architecture Boston. January 2008. p.33
[BENNING BOX]

Article on the Tube House Project.
Dwell Magazine. May/June 2007
[Tubehouse]

Ron Witte, "Go Figure"
PRAXIS: Journal of Building and Writing # 8, p. 33
[For WW: San Jose State University Museum of Art and Design]

"EcoHouse Design Competition"
American Institute of Architects Committee on the Environment Notes, Summer 2006.
[FIELDHOUSE]

Joan Hernandez, "San Diego Waterfront Urban Design Competition,"
Competitions Magazine, summer, 2005.
[For WW: San Diego Waterfront Development Competition]

"Progressive Architecture Awards: San Jose Museum of Art & Design: WW,"
Architecture Magazine, January 2004.
[For WW: San Jose State University Museum of Art and Design]

"Cabin Fever" article on Georgia Bar projects.
Metropolitan Home, October 2004.
[San Jose State University Museum of Art and Design]

Peter Sherwood. "Moving Towards Sustainability"
Interior Design, Oct. 13, 2003.
[SOM Foundation: Chicago Institute for Architecture and Urbanism Competition]

"River Tower and Studio."
Wood Design and Building. Autumn 2002, no. 21.
[The River Tower and Studio design build projects in Colorado]

Michael, Brill. "Coming to our Senses,"
Interiors, December 1997.
["Booth/Sukkah"]

NEWSPAPERS

"McMansions, Be Gone: Forward-looking architects team up to make modern home designs"
Boston Globe. October 22, 2009
[STACKED HOUSE]

Tracey Taylor "Affordable Flair"
Financial Times. October 6, 2009
[STACKED HOUSE]

Betsy Lehndorff, "White Water World"
Rocky Mountain News. May 6, 2006
[Tubehouse]

Alan Hess, "A Crystalline Cave, Turned Inside Out"
San Jose Mercury News. May. 25, 2003.
[San Jose State University Museum of Art and Design]

Jane Durrell, "Making Sacred Spaces,"
City Beat (December 1–10, 1997): 37.
["Booth/Sukkah"]

Miranda Mote, "Where-Houses" competition entry.
Architext 6: AIA Cincinnati. August 1997.
["Where-Houses" competition entry]

RESEARCH FUNDING

- 2016 Fulbright Distinguished Chair Program
"Thermodynamics and Wood Buildings"
Award value: \$60,000 [\$25,000 direct] [funded]
- 2016 Softwood lumber Board
"Wood Urbanism: From The Molecular to the Territorial" Co-PI
Award value: \$60,659 [funded]
- 2015 Turtle Mountain Band of Chippewa Indians
"Turtle Mountain Band of Chippewa Indians Housing Research and Prototype Design" PI
Award value: \$30,000 [funded]
- 2014 Harvard Joint Center for Housing Studies Student Research Assistance Support Program
"Wood in Contemporary Housing"
Award value: \$4,000 [funded]
- 2014 Philadelphia Academy of the Arts
"Research on the Environment and Systems of Pennsylvania Academy of the Fine Arts" Co-PI
Award value: \$10,000 [funded]
- 2013 David Rockefeller Center for Latin American Studies Faculty Grants Program
"Cellular Solids: Thermodynamics of Wood Urbanism," Co-PI
Award value: \$25,000 [funded]
- 2012 Harvard Graduate School of Design Dean's Junior Faculty Research Grant
"Insulating Modernism," PI
Award value: \$10,000 [funded]
- 2012 American Institute of Architects UPJOHN Research Grant Program
"Material Ecologies and Geographies," Co-PI
Award value: \$25,000 [funded]
- 2012 Harvard Graduate School of Design Dean's Junior Faculty Research Grant
"Material Ecologies and Geographies," Co-PI
Award value: \$12,000 [funded]
- 2010-11 American Institute of Architects UPJOHN Research Grant Program
"Lower-Technology, Higher-Performance Buildings," PI
Award value: \$25,000 [funded]
- 2009-10 The American Academy in Rome, Gorham P. Stevens Rome Prize
"The Thermodynamic Figuration of Rome"
Award value: \$100,000 [\$25,000 direct] [funded]
- 2008 American Institute of Architects UPJOHN Research Grant Program
"Thermally Active Surfaces", PI
Award value: \$15,000 [funded]
- 2008 American Institute of Architects RFP Research Grant Program
"Thermally Active Surfaces", PI
Award value: \$7,000 [funded]
- 2008 Northeastern University Provost
"Thermally Active Surfaces", PI
Award value: \$6,000 [funded]

- 2006 Boston Society of Architects Research Grant Program
"Mean Radiant Temperature", PI
Award value: \$4,800 [funded]
- 2005 Syracuse Center of Excellence in Energy and the Environment
"Simple envelopes, Thermal Cantilevers, and Passive Dehumidification", PI
Award value: \$16,500 [funded]
- 2003 Temple Hoyne Buell Fellowship
Post-professional work on material ecologies
Award value: \$25,000 (declined)

TEACHING

NATIONAL TEACHING/PEDAGOGY AWARDS

- 2009-10 American Collegiate Schools of Architecture/ American Institute of Architecture Students
New Faculty Teaching Award

COURSES TAUGHT

Harvard University Graduate School of Design

- Spring 2018 1321: Options Studio: Intensive/Extensive Architecture
- Fall 2016 (on teaching leave in Finland)
- Spring 2015 1601: Options Studio: Wood Urbanism (with Jane Hutton)
4364 Interiors, Environments, Atmosphere lecture course (with Antoine Picon)
- Fall 2015 6122: Energy in Architecture
- Spring 2015 6430: Forms of Energy: Nonmodern lecture
6438: Media as Method Design research methodologies course (with Pierre Belanger)
- Fall 2014 1110: First Semester Core: Introduction to Design and Visual Studies in Architecture, Design Studio
6122: Energy in Architecture
- Spring 2014 6438: Energy: What is it and how else might we think about it? (with Sanford Kwinter)
- Fall 2013 1110: First Semester Core: Introduction to Design and Visual Studies in Architecture, Design Studio
6122: Energy, Building, and Technology lecture
- Spring 2013 6430: Forms of Energy Seminar
6438: Energy: What is it and how else might we think about it? (with Sanford Kwinter)
- Fall 2012 1110: First Semester Core: Introduction to Design and Visual Studies in Architecture, Design Studio
6122: Energy, Building, and Technology lecture
- Spring 2012 6430: Forms of Energy Seminar
6125: Environmental Technologies in Buildings lecture
- Fall 2011 1110: First Semester Core: Introduction to Design and Visual Studies in Architecture, Studio

Thesis Students:

Alex Timmer, M.Arch '16	Jacob Mans, M.Des '16
Aaron Meninga, M.Arch, '16	Ben Peek, M.Des '16
Lance Smith, M.Arch '16	David Kennedy, M.Des '16
Patrick Mayfield, M.Arch '16	Ivan Ruehle, M.Arch '16
Kanika Arora, MDes, '15	Kaley Blackstock, M.Arch, '15
Conor Maher, M.Des '15	Sean Connelly, MDes, '15
Ryan Bouma, MDes, '15	Evan Cerilli, M.Arch, '15
Maynard Hayden León, M.Arch, '15	Matthew Ricotta, AB, '15
Jo Staudt, M.Des, '14	Thomas Sherman, M.Des, '14
Keojin Jin, M.Des, '14	Abinay Sharma, M.Des, '14
Apoorv Goyal, M.Des, '14	Julie Brown, M.Des, '14
Tom Cakuls, M.Arch, '13	
Nicholas Rivard, MAUD, '13	
Michael Smith, M.Arch, '13	
Michelle Miller, M.Arch, '12	Marshall Prado, M.Des, '12
Brian Militana, M.Arch, '12	Cory Kwok, M.Des, '12
Jiseok Park, M.Arch, '12	

Northeastern University

Spring 2011	ARCH5120: Comprehensive Design Studio Undergraduate and Graduate Design Studio ARCH5220: Integrated Building Systems Undergraduate and Graduate lecture
Fall 2010	ARCH7130: Net Plus: Energy System Innovations for Urban Architecture Graduate Research Studio ARCH5120: Architecture and Energy Systems Undergraduate and Graduate lecture
Spring 2010	On Research Leave (American Academy in Rome)
Fall 2009	On Research Leave (American Academy in Rome)
Spring 2009	ARCG350: Architecture Reading Seminar: Technics and Efficacy in the 21 st Century ARCG111: Integrated Design Graduate Studio ARCG156: Integrated Building Systems Graduate Lecture ARCU511: Integrated Design Undergraduate Studio ARCU656: Integrated Building Systems Undergraduate Lecture
Fall 2008	On Research Leave (Boston)
Spring 2008	ARCG111: Integrated Design Graduate Studio ARCG156: Integrated Building Systems Graduate Lecture ARCU511: Integrated Design Undergraduate Studio ARCU656: Integrated Building Systems Undergraduate Lecture
Fall 2007	ARCG155: Architecture and Energy Systems Graduate Lecture ARCU555: Architecture and Energy Systems Undergraduate Lecture ARCU311: Studio 2 Undergraduate Design Studio
Spring 2007	ARCG111: Integrated Design Graduate Studio ARCG156: Integrated Building Systems Graduate lecture ARCU511: Integrated Design Undergraduate Studio ARCU656: Integrated Building Systems Undergraduate Lecture
Fall 2006	ARCG155: Architecture and Energy Systems Graduate Lecture ARCU555: Architecture and Energy Systems Undergraduate Lecture ARCU310: Site, Type & Composition undergraduate design studio

Syracuse University

Spring 2006 AR423/623 Advanced Building Systems lecture
ARC606 Graduate Comprehensive Studio
Fall 2005 AR207 The Sites of Construction and the Construction of Sites undergraduate design studio

Thesis students:
Milo Bonacci

University of Illinois, Chicago

Spring 2005 AR464: Building Science IV Design Integration Graduate studio and lecture
AR102: Physical Studies: undergraduate design studio
Fall 2004 AR499: Material Effects: Vortex Graduate seminar on material theories and technologies
AR463: Building Science III Design Integration Graduate studio and lecture
AR101: Visual Studies: undergraduate design studio

Spring 2004 AR413: Calumet Landscape/Architectures final undergraduate options studio
AR499: Material Effects: Graduate seminar on material theories and technologies

SERVICE AND PROFESSIONAL DEVELOPMENT

School Service

2016 GSD Wheelwright Jury
2013-2017 GSD MDes Program Co-director
2012- GSD Co-Director, Energy, Environments & Design Research Unit
2012- Harvard University Center for the Environment Faculty Associate
2012-2013 GSD Horizon House Competition Adviser
2012- GSD MDes Program Council & Concentration Coordinator
2011-2013 GSD Thesis Committee
2011-2012 NEU Faculty Service Committee
2011 NEU College Strategic Planning Committee
2007-8 NEU College Council
2007-8 NEU College Council Agenda Committee
2006-2011 NEU Design Curriculum Committee
2006-2011 NEU Technology Curriculum Committee
2008-2011 NEU Lectures and Exhibition Coordinator
2006-2011 NEU Faculty Search Committees (6)
2005-2006 Technology Committee [Syracuse University School of Architecture]

- 2005-2006 Admissions Committee [Syracuse University School of Architecture]
- 2004-2005 Faculty Search Committee [University of Illinois, Chicago School of Architecture]

Service to the Discipline/Profession

- 2013 ACSA Faculty Design Awards
- 2010-13 Journal of Architectural Education
Editorial Board, Design Committee
- 2011 ACSA/AIA National Teacher's Pedagogy Conference: Performative Practices
Conference Co-Chair with William Braham
- 2006-10 Boston Society of Architects Research Grant Program
Boston, MA
Peer Reviewer
- 2009 ACSA Concrete International Student Design Competition
Preservation as Provocation: Re-thinking Kahn's Salk Institute
Washington, D.C.
Competition Juror
- 2009 Annual Meeting of the New England Society of Architectural Historians
Cambridge, MA
Keynote Lecture
- 2007-8 28th Annual Conference of the Association for Computer Aided Design in
Architecture (ACADIA).
Minneapolis, MN
Conference Co-Chair
Exhibit Co-Curator
- 2008 2008 ACSA National Conference
Paper Peer Reviewer
- 2007 Book review
Journal of Architectural Education
- 2007 American Collegiate Schools of Architecture/American Institute of Architects
Cranbrook Teachers Conference
Bloomfield Hills, MI.
Facilitator
- 2007 Rhode Island Design Awards
Providence, RI
Design Jury
- 2007 American Collegiate Schools of Architecture Southeastern Regional Conference
Peer Reviewer
- 2006 American Institute of Architects
Integrated Practices Forum
Chicago, IL
Speaker and Team Facilitator
- 2006 American Collegiate Schools of Architecture National Conference:
Faculty Design Awards Session
Moderator

GUEST CRITIC/JUROR

Harvard Graduate School of Design Architecture Department
Fall 2004, Spring 2005, Fall 2007, Spring 2008, Spring 2009, Fall 2010, Spring 2011, Fall 2011-

Massachusetts Institute of Technology Department of Architecture
Spring 2009, Fall 2010, Fall 2011, Spring 2012, Fall 2012, Fall 2014, Spring 2015, Fall 2015

University of Pennsylvania Department of Architecture
Spring 2012, Fall 2012, Fall 2013, Spring 2015, Fall 2015, Spring 2016

Princeton University School of Architecture
Spring 2011, Fall 2014

Rensselaer Center for Architecture, Science, and Ecology, NYC
Fall 2013 (PhD reviews)

Berlage Institute, Rotterdam (Co-taught Master's Class with Lars Lerup)
Fall 2009

Rice University School of Architecture
Fall 2008, Fall 2010

Cornell University School of Architecture
Spring 2008

University of Michigan
Spring 2011, Fall 2011, Spring 2013

University of Virginia School of Architecture and Landscape Architecture
Fall 2005, Spring 2009, Fall 2014

University of Toronto, Daniels School of Architecture and Landscape Architecture
Spring 2009, Spring 2012

University of British Columbia, Vancouver, School of Architecture Thesis Reviews
Spring 2013

Carnegie Mellon Institute of Technology School of Architecture
Spring 2009

University of Milwaukee
Fall 2012

Rhode Island School of Design Architecture Department
Fall 2004, Fall 2011, Fall 2013, Spring 2016

Rhode Island School of Design Architecture Department in Rome
Fall 2009

Auburn University School of Architecture
Spring 2012

Arizona State University School of Architecture
Spring 2015

Auburn University School of Architecture in Rome
Fall 2010

Catholic University School of Architecture, Thesis Jury
Spring 2012

Tulane University School of Architecture, New Orleans
Spring 2013

Tulane University School of Architecture in Rome
Fall 2009

University of Washington School of Architecture in Rome
Fall 2009

Illinois Institute of Technology School of Architecture:
Fall 2008, Fall 2010, Spring 2015

University of Minnesota School of Architecture
Fall 2007, Spring 2013

University of Cincinnati School of Architecture and Interior Design
Spring 2008, Fall 2007

University of Illinois, Chicago School of Architecture
Fall 2007

Ohio State University Knowlton School of Architecture/Landscape Architecture
Fall 2004

Pennsylvania State University School of Architecture -Rome
Spring 2010

PROFESSIONAL ORGANIZATIONS

American Institute of Architects

Boston Society of Architects

American Collegiate Schools of Architecture