

MARK MULLIGAN ARCHITECT

Registered Architect, Commonwealth of Massachusetts

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BIOGRAPHICAL SUMMARY

Mark Mulligan is Associate Professor in Practice of Architecture at Harvard University's Graduate School of Design (GSD), where he served as Director of the Master in Architecture Degree Program from 2011-2014. He is a registered architect with a practice in Cambridge, Massachusetts. The work of his firm (Mark Mulligan Architect, www.mm-architect.com) has focused on residential design in a variety of different contexts, scales, and budgets, as well as consulting on the preservation of modern architecture.

Two of his best-known works – the Casa Hayes (2003) and Casa Rudín-Vega (2006) – are situated in San José, Costa Rica, and have been published in *Dwell* and *UME* magazines. Both projects – the first a single-family in the outskirts of San José, the other a three-family house in the heart of the city – exploit the scenic potential of Costa Rica's dramatic mountains and luxuriant flora using techniques of *shakkei* (Japanese: “borrowed scenery”) to configure space and aperture placement, transforming each project's immediate context into a set of idealized views. Following the construction of the Casa Rudín-Vega, Mulligan secured sponsorship from the mayor of San José for a planning study aimed at the revitalization and reinhabitation of the city center. Other projects of note include the Anderson House, which adapts SIPs construction for a *sukiya*-inspired prefab house (single-family, sited in Virginia); the Morse House, a SIPs-based transformation of an existing post-and-beam house (single-family, in Malden, Massachusetts); and a master plan for the Kurukulla Center for Tibetan Buddhist Studies, an adaptive-reuse/addition project with substantial landscape design (Medford, Massachusetts, in collaboration with Shapero McIlroy Design). He has also consulted Harvard University on the restoration of Alvar Aalto's Woodberry Poetry Room interiors (2010) and Philip Johnson's 9 Ash Street (2011-16).

Prior to establishing his own practice in 1998, Mulligan worked as project architect for Fumihiko Maki's Pritzker Prize-winning practice in Tokyo, Japan. During his six years at Maki and Associates, he collaborated on several projects, including the Kirishima Concert Hall (1992), Keio University Seminar Guest House (1993), Tokyo Church of Christ (1995), and Toyama Congress Center (1997), as well as collaborating with Maki on writings and monographs. More recently, he edited a book of Maki's essays entitled *Nurturing Dreams: Collected Essays on Architecture and the City* (MIT Press, 2008). Mulligan has published essays about contemporary architecture in Japan in journals such as *Harvard Design Magazine*, *Places Journal*, the *Journal of Architectural Building Science*, and the *Journal of Japanese Studies*, as well as translating into English essays by architect Ryue Nishizawa, architectural theorist Koji Taki, structural engineer Mutsuro Sasaki, and lighting designer Shozo Toyohisa.

Mulligan has taught a variety of courses at the GSD since 1996, including a course on modern Japanese architecture, introductory and advanced courses on construction technology, architectural preservation, and architecture/urban design studios. Since 2010, he led groups of students in research projects to reconstruct, in digital format, detailed models of Frank Lloyd Wright's Imperial Hotel in Tokyo (built 1923, demolished 1967); Kenzo Tange's National Olympic Stadium in Tokyo (built 1964, currently altered); and Junzo Sakakura's Japan Pavilion for the Paris World Exposition, 1937 (demolished 1938). In the spring of 2012, he teamed up with CG animation expert Chris Hoxie to offer a course in architectural preservation and digital media entitled “Preservation Media Project”, which speculates on the use of computer-enhanced visualizations to explore alternative futures for the preservation of modern architecture.

CV SUMMARY

EDUCATION

Harvard University

Master in Architecture, 1990

Graduated with Distinction

Thesis: "Music and Architecture: a violin shop in the North End"

advisers: Sheila Kennedy and Heinz Tesar

Yale University

Bachelor of Arts in architecture, 1984

Graduated *summa cum laude*.

TEACHING

Harvard University Graduate School of Design

Interim Curator, Loeb Fellowship Program, 2014-15

Director, Master in Architecture Degree Program, 2011-2014

Associate Professor in Practice, 2013-present

Adjunct Associate Professor in Architecture, 2007-2013

Lecturer in Architecture, 1997-2007

Design Critic, 1996-1998

Courses of instruction: CURRENT

GSD 6230: Cases in Contemporary Construction

Formerly GSD 6204: Building Technology; core required course for M.Arch-I degree; since fall 1997

As the final component in the required sequence of technology courses in the M.Arch-I program, this professionally oriented course develops an integral understanding of the design and construction of buildings and their related technologies – structural, constructional, and environmental. The course examines examples of innovative construction techniques in wood, steel, and concrete structures in depth. Construction details are investigated as a means by which aesthetic expression and the logic of problem-solving achieve synthesis in design. Class meetings alternate between lectures designed to build understanding of construction techniques, a series of case studies focusing on innovative detail design, and in-class detail sketch workshops that build students' confidence in applying design thinking to questions of performance, construction, and material expression. This course has served as both a foundation of my teaching at the GSD and a reflection of my evolving interests in the realm of construction technology.

GSD 6311: Innovative Constructions in Modern Japan

Distributional (non-Western) elective; since spring 2001

Modern Japanese architecture has been much admired in the West for its attention to materials, its refined construction details, and its ability to integrate traditional design principles and cutting-edge technology. This lecture course looks in depth at significant works by contemporary Japanese architects, analyzing both their detailed construction and the larger historical, cultural, and theoretical contexts in which they are produced. Individual buildings thus serve as vehicles for exploring the relationship between design theories and construction technique. Students are encouraged to produce original research on this broadly defined architectural genre in various forms: analytical model-based case studies of individual buildings; individual papers developed in iterative drafts over the semester (frequently as part of a student's design thesis preparation); and group research projects whose subject matter changes each year, according to my current research interests.

GSD 3349: Fieldwork in Conservation Design

Elective seminar; spring 2016

This seminar focuses on the physical and strategic dimensions of conservation design and adaptive reuse. Architects practicing in the 21st century can no longer assume that most design projects will begin with an empty site; increasingly design commissions involve working productively with existing building stock. A broad spectrum of design approaches may be applied to this basic assumption, ranging from museum-quality historic preservation to radically transformative adaptation and reuse. Precedents for different approaches are presented in readings, case studies from around the world, guest lectures, and field trips to projects in the greater Boston area. Consulting with and learning from experts involved in different modes of conservation design, students learn to hone their skills in interpreting value and meaning in existing construction. Students are asked to develop semester-long research projects based on sites in New England where new design interventions may be proposed: first in the format of a draft Historic Structure Report, later adapted into a Strategic Development Plan.

HAA 179x: Tectonics Lab

Undergraduate adaptation of GSD-6121 "Construction Lab" listed below; co-instructor since fall 2013

This course is designed as the second in a series of three studio-based courses offered to Harvard College undergraduates in History of Art and Architecture (with concentration in Architectural Design Studies). It introduces students to fundamental properties and behaviors of materials and material assemblies. Students learn to evaluate empirically various types of constructs and use analytical and representational skills to enhance their design capabilities. Lectures cover fundamental statics; types of loads and reactions; material properties and fabrication processes; types of joinery; classifying families of building structures; and other related topics. Abstract and architectonic exercises involving both intuitive and analytical design approaches take place in a workshop format, with students working both individually and in teams. The course pedagogy emphasizes building speculative design work at 1:1 scale, so that the realities of material weight, structural properties, assembly challenges, and tactility are fully understood in a constant loop of design feedback.

Courses of instruction: PREVIOUS

GSD 6121: Construction Lab

Formerly GSD 6111-m1 "Materials and Construction"; required course for M.Arch-I degree; co-instructor 2009-13

This module (half-semester course) introduces students to fundamental properties and behaviors of buildings and other structures. Principles of design and construction are discussed in a comprehensive manner involving conceptual, historical, and technical analyses. Students learn to evaluate empirically various types of constructs and use analytical skills to enhance their design capabilities. Lectures cover fundamental statics; types of loads and reactions; material properties and fabrication; types of joinery; classifying families of building structures; and other related topics. Abstract and architectonic exercises involving both intuitive and analytical design approaches take place in a workshop format, with students working both individually and in teams. The course pedagogy emphasizes building speculative design work at 1:1 scale, so that the realities of material weight, structural properties, assembly challenges, and tactility are fully understood in a constant loop of design feedback.

GSD 2414: Preservation Media Project: The Hatch Cottage

Elective; co-instructor, spring 2012

This research seminar-workshop uses the case of the Hatch Cottage in Wellfleet, Massachusetts as a vehicle for considering contemporary issues in the conservation of modern architecture related to cultural meaning, construction method, and representational media. Students are asked to consider not only why and how to preserve a work of architecture whose very construction methods have compromised its longevity – but also what the core focus of preservation efforts should be: preserving a design philosophy? historically compatible use? outward appearance? original materials? relationship to site? Working in teams, students develop and test a number of alternative scenarios. The workshop component stresses critical exploration of advanced digital media to investigate such scenarios and communicate them to a hypothetical or real public. Support for our research was provided by the Cape Cod Modern House Trust.

GSD 1513: Peri-urban Development in China: alternatives for the landscape of southeast Beijing Options studio in Landscape Architecture and Urban Design; co-instructor, spring 2011

This advanced graduate landscape and urban design studio, co-taught with Professors Peter Rowe (GSD), Stephen Ervin (GSD), and Kongjian Yu (Beijing University), studied a range of problems and potentials inherent in the rapidly transforming condition of Beijing's urbanizing edge. Twelve students from all four of the GSD's disciplines – architecture, landscape, urban design, urban planning – worked in collaborative teams to develop and test solutions for structuring sensible growth in one of metropolitan Beijing's most ecologically sensitive areas. Wedged between the explosive growth of two new satellite cities – Tongzhou and Yizhuang – the township of Taihu (population 120,000) seeks alternatives to urban sprawl in an attempt to preserve and enhance its agricultural economy while serving as a “reservoir of green” within the metropolitan master plan. Students were asked to apply principles of smart growth in planning a study area of 32 sq. km. to boost the local economy, accommodate moderate population growth, and enhance local and regional ecologies. Due to Beijing's endemic water shortages, hydrology played a central role in land use planning and urban programming. The research and design proposals of this studio have been published in a book *Taihu Prospects: alternatives for the landscape of southeast Beijing* (see Publications).

GSD 1501: “A Lo Que Vinimos”: revitalization of central San José, Costa Rica
Options studio in Urban Design; co-instructor, fall 2007

This advanced graduate urban design studio, co-taught with Professor Peter Rowe (GSD), focused on planning and urban design strategies for revitalizing, reprogramming, and repopulating the historic center of San José. New proposals for systematizing the city's inefficient mass transit, incentivizing private development while linking it to public improvements, and restoring long-neglected ecological systems within the city were essential components of the strategy to improve the quality of urban life for existing and new residents. Students also proposed zoning guidelines for appropriate density and a mix of uses, streetscape design, and preservation of historic architecture. Meetings with a variety of local and national government officials in San José, as well as collaborative workshops with students and faculty of the Universidad del Diseño, enhanced our understanding of local culture and politics.

GSD 1501: Tokyo's “New Order”: planning the Chuo-ku waterfront
Options studio in Urban Design; co-instructor, fall 2006

This advanced graduate urban design studio, co-taught with Professors Peter Rowe (GSD) and Hiroto Kobayashi (Keio University), was undertaken as speculative research for Tokyo's Chuo Ward government. Twelve architecture, landscape, and urban design students were asked to analyze the current state and proposed plans development plans for the Ward's waterfront area (consisting of Tsukiji, Toyomicho, Kachidoki, Tsukishima, Tsukuda, and Harumi) and propose alternative planning guidelines and implementation strategies. In addition to accommodating the Ward's plan for incremental growth and the Metropolitan Government's plan for housing Olympic facilities, the student proposals aimed to enhance the image of the waterfront, concentrating on public amenity space at water's edge.

GSD 1201: Third-semester Architectural Design Studio
Core Architecture studio, fall 1996-98

The studio focused on comprehensively integrated design of a single institutional-scale building – a library/media center in an urban context (Boston's South End). The semester was structured with design exercises addressing site strategies, circulation and egress, structural and environmental design, façade systems, furniture and lighting design, so that final projects emerged as well articulated building proposals.

GSD 1202: Fourth-semester Architectural Design Studio
Core Architecture studio, spring 1998

The studio focused on the design of housing as a major component of urban design. Students were asked to select a site within Roxbury, a blighted district in Boston, and propose how mass housing (minimum 120 units) might be used to piece together and revitalize the now-fragmentary neighborhood. The early part of the semester was divided between precedent studies of housing typologies and analyses of urban development patterns and infrastructure.

Courses of instruction: EXECUTIVE EDUCATION

Architecture and Urban Design for Sustainable Development

Custom-designed, one-week course for EMAAR Corporation, KAEC, Saudi Arabia; co-instructor, June 2012

This course was the first in a new Executive Education program at the GSD, aimed at exporting professors' expertise to teams of urban planners and developers in locations around the globe. My involvement included a week of teaching in the recently established King Abdullah Economic City, prefaced by several weeks of communication with our clients at EMAAR and collaborative development of lecture content and classroom exercises. In addition to designing the five-day course outline and three new case studies with Professor Paul Nakazawa (design management) and Lecturer Gareth Doherty (landscape planning), I developed three independent lectures on Urban Design: Paradigms and Limitations, Qualities of Architecture, and Design Process.

Additional academic duties:

Co-chair, Dean's Diversity Initiative (2014-present)

Overseeing various programs at the GSD aimed at increasing diversity at our institution and, more broadly, within the design and planning professions. Activities sponsored by the DDI include recruiting students, faculty, staff; funding for design juries; organizing/supporting extracurricular events (e.g., Black In Design conference & MLK Way workshop, both fall 2015); attending and speaking at conferences (e.g., NOMA 2015).

Interim Curator, Loeb Fellowship Program (2014-2015)

Directed a program that brings ten outstanding mid-career professionals from a wide spectrum of design practices related to the built environment (architecture, landscape, urban planning and design, art, journalism, community development, philanthropy) to the GSD for a year of classes, seminars, research, and leadership training. My role included mentoring and academic guidance, event programming, budgeting, alumni networking, recruiting, and leading the annual selection process.

Director, Master in Architecture Degree Program (2011-2014)

Oversaw the progress and well-being of 300+ architecture students at the GSD; prepared and led the Department of Architecture's successful 2012 NAAB Accreditation Visit; instituted Thesis Mentoring program in spring 2013; developed guidelines for digitally archiving student work, in collaboration with the Loeb Library.

Admissions Committee for M.Arch-I Degree Program (co-chair 2008-13, chair 2014)

Developed new procedures for evaluating applicants from architectural and non-architectural undergraduate backgrounds (2010 and 2014); revised procedures for evaluating applicants for Advanced Placement (2014); worked with Admissions staff to develop online admissions review procedures (2011, revised 2014).

Admissions Committee for M.Arch-I AP Degree Program (2002, 2007)

Analyzed and wrote a new set of guidelines for Advanced Placement portfolio submission.

Ad Hoc Committee on Admissions and Recruiting (2013-14)

Departmental Prize Committee Chair (2009) and Coordinator (2009- 2014)

Analyzed and improved procedures for the awarding of all Departmental prizes, particularly those given to graduating students; developed online review for fellowship proposals and digital portfolios, as well as protocols for graduation prize deliberation and voting; served on numerous individual prize committees, including the Appleton Traveling Fellowship, Faculty Design Award, and Kelley Prize.

Selection Committee for Loeb Fellowship Program (2009-11; 2015)

Faculty Search Committees

Adjunct Associate Professor of Landscape Architecture (2009-10);
Assistant Professor of Architectural Technology (2010-11);
Assistant or Associate Professor of Architectural Technology (2011-12);
Assistant or Associate Professor of Urban Design (2011-12);
Assistant/Associate Professor of Landscape Architecture (2014-15).

Philip Johnson House Technical Advisory Committee (2011-present)

Adviser to the Dean on historical restoration of Johnson's 1942 house in Cambridge, acquired by the GSD in 2011.

GSD Representative to the Board of Directors, Boston Society of Architects (2007-2011)

Represented the GSD by attending monthly meetings at the BSA; helped promote inter-school initiatives such as BSA-sponsored student competitions and exhibitions; participated in two Executive Director searches and the decision to move the BSA headquarters to Atlantic Wharf.

Doctoral Thesis Committee (2012-15)

For DDes candidates Matan Mayer and Jonathan King.

Faculty Adviser, GSD entry to LIXIL Foundation's "Retreat in Nature" competition, Japan (2013)

Organized, in collaboration with Assistant Professor Kiel Moe, an internal competition among GSD student from all program to select a team to represent Harvard at an international student competition on the theme of the Future Sustainable House (January); led weekly project meetings and research guidance through the international competition phase (January-March); accompanied and coached team on their final presentation in Tokyo (April). After winning the competition, GSD students were invited back to Japan for the summer to complete construction documents for their HORIZON HOUSE under the supervision of Kengo Kuma's firm in Tokyo; and the house construction was completed in November 2013.

Faculty Adviser, Takenaka Corporation Summer Internship Program (2011-present)

Faculty Committee, Reischauer Institute of Japan Studies (2004-present)

Undergraduate Advising

Co-advised with Professor Yukio Lippit an undergraduate senior project in History of Art and Architecture (HAA) on Kenzo Tange (2011-12); advising two undergraduate senior thesis projects in HAA (2014-15).

Undergraduate Summer Travel/Language Study Grants (2007-08)

Assisted Harvard University Faculty of Arts and Sciences faculty members in selecting undergraduates to receive grants to travel and study in Japan.

Grants received:

Harvard China Fund

\$30,000 for Beijing studio, 2011 (with Peter Rowe, Kongjian Yu, Stephen Ervin); the grant allowed us to take students to Beijing for 8 days to study peri-urban development issues in rapidly urbanizing southeast Beijing, in collaboration with Professor Yu's students from Beijing University. Research and design projects from this studio will be published in a book, *Taihu Prospects*, in 2012.

David Rockefeller Center for Latin American Studies

\$15,000 for Costa Rica studio, 2007 (with Peter Rowe); the grant, together with special sponsorship from the Mayor of San José, allowed us to take students to Costa Rica for 8 days and to work collaboratively with students and faculty of

the Universidad del Diseño. Research and design projects were presented to the city's mayor and members of the planning commission.

Chuo Ward of Tokyo

\$60,000 for Tokyo studio, 2006 (with Peter Rowe and Hiroto Kobayashi, Keio University); the grant allowed us to take students to Tokyo for 9 days and to work collaboratively with Professor Kobayashi's research laboratory at Keio University on urban planning and design issues in Tokyo's central waterfront districts. Research and design projects emerging from this studio were later presented to the vice-mayor and planning staff of Tokyo's Chuo Ward, as well as to Harvard's Reischauer Institute of Japan Studies in a public lecture.

Reischauer Institute for Japan Studies + Asia Center, Harvard University

\$10,000 from each sponsor, related to "Japan Transfer" studio-seminar co-taught with Professor Andrea Leers in 2003; the grants allowed us to take students on a 12-day study tour of Kyoto and Tokyo, Japan. Research and design projects emerging from this tour were presented in a public lecture and are published in *Japan Transfer*.

Guest juror at other institutions:

Meiji University, Tokyo

University of Oregon, Portland and Eugene

University of Toronto

Columbia University, New York

Massachusetts Institute of Technology

Keio University, Fujisawa-Shonan-dai Campus, Japan

Universidad del Diseño, San José, Costa Rica

Northeastern University, Boston

Wentworth Institute of Technology, Boston

University of Pennsylvania, Philadelphia

University of Virginia, Charlottesville

PUBLICATIONS:

"Structuring the Future" in *Kiyonori Kikutake: Between Land and Sea*, Lars Müller, 2015; also published in *Places Journal*, 2015.

"Fresh Views on Japanese Modernism" in *Journal of Japanese Studies*, vol. 39 no. 2, University of Washington Press, summer 2013.

"Surprising Developments" in *Fumihiko Maki*, Phaidon Press, 2009.

Nurturing Dreams: Collected Essays on Architecture and the City by Fumihiko Maki

Mark Mulligan, editor; MIT Press, 2008.

UME, vol. 17: "Casa Hayes", 2004.

Journal of Architecture and Building Science: "The problem of enduring", December 2003.

Dwell: "Corbu Meets Costa Rica" (Casa Hayes) by Nancy Levinson, June 2003.

Harvard Design Magazine:

"Utopia Across Scales: Thoughts on Kenzo Tange", summer 2010;

"The Game Has Changed: scenes of Tokyo" (with photos by Harry Gruyaert), summer 2001;

"Heimlich Manoeuvres" book review, fall 1997;

"Engineers of Dreams" book review, spring 1995;

"Structure in Sculpture" book review, summer 1994;
"An Interview with Fumihiko Maki", spring 1994.

Harvard Architectural Review #9: Architectural Research, contributing editor, Rizzoli, 1990-93.

Co-authored publications:

The Thinking Hand: Tools and Traditions of the Japanese Carpenter

Mark Mulligan and Yukio Lippit (co-authors); foreword by Theodore C. Bestor, afterword by Kenzo Akao; Edwin O. Reischauer Institute of Japanese Studies, Harvard University, Cambridge, 2014. Catalogue and extended essays related to the winter 2014 exhibition of the same name (see below).

Taihu Prospects: alternatives for the landscape of southeast Beijing

Kongjian Yu, Peter Rowe, Stephen Ervin, Mark Mulligan (co-authors); foreword by Joan Busquets;
Peking University Press, 2012.

Japan Transfer. Co-edited with Andrea Leers, Harvard GSD, 2003.

Japanese-English translations:

Case: Sendai Mediatheque: essays by Taki Koji, Mutsuro Sasaki, Ryue Nishizawa, 2001
(co-translator with Hiroto Kobayashi);

"Ephemeral light" in *Immaterial/Ultramaterial*, 2001;

Space Design: Special Issue on Hong Kong, winter 1992;

Japan Architect, vol. 17, spring 1995.

EXHIBITIONS:

"The Thinking Hand: Tools and Traditions of the Japanese Carpenter"

Center for Government and International Studies, Harvard University, winter 2014; organized and curated in collaboration with Professor Yukio Lippit, Harvard FAS; sponsored by the Reischauer Institute of Japanese Studies and Takenaka Corporation

"The Thinking Hand" exhibition explored Japanese architecture through the experience of the *daiku* (Japanese master-builder). Diverse materials on display included an extensive set of historical Japanese carpentry tools donated to the GSD by the Takenaka Carpentry Tools Museum in Kobe, Japan; samples of common woods used in construction, material finishes, and intricate joinery; videos of traditional carpenters at work (translated and subtitled under my supervision); scale models of Japanese temple construction; and a full-scale *sukiya*-style tea house assembled in Cambridge by a visiting team of Japanese carpenters. Exhibition cabinetry was designed and constructed by GSD students under my supervision. Public demonstrations of tool use by Japanese master carpenters were held in January and April 2014, in association with the exhibition.

"Digital Archaeology: Unearthing Frank Lloyd Wright's Imperial Hotel"

Loeb Library, fall 2010

An exhibition of research undertaken by my students, reconstructing in digital model major portions of Frank Lloyd Wright's 1923 Imperial Hotel in Tokyo. Advanced computer animation techniques were used both to speculate about the hotel's construction sequence and to reproduce the rich spatial experience of walking through Wright's now-demolished masterpiece. Video content was supplemented by reproductions of original and as-built drawings (by permission of the Frank Lloyd Wright Archive) and photography. Content may be viewed at www.youtube.com/watch?v=F9yOesXsSIE and at www.youtube.com/watch?v=UqXpjYcOeAY. Videos from "Digital Archaeology" were incorporated into two additional exhibitions outside the GSD: "Grand Hotel" at the Vancouver Gallery of Art, summer 2013; and "Looking East: Western Artists and the Allure of Japan" at the Frist Center for the Visual Arts, Nashville, winter 2014.

"Kenzo Tange's Yoyogi Olympic Arena"

Takenaka Corporation A4 Gallery, Tokyo, spring 2013

Part of a larger show on current work by students and faculty of the GSD, this video exhibition presented research undertaken by my students reconstructing in digital model (restoring to original condition) Kenzo Tange's 1964 National Olympic Stadium at Yoyogi. CG animations both analyze stages of construction and replicate the spatial experience of interiors according to original daylighting scheme. Content may be viewed at vimeo.com/45441969.

"Casa Rudín-Vega"

Gund Hall Gallery, fall 2006

This project exhibition included aerial, construction, and finished project photos, as well as the original sketchbook used to develop many of the details on-site.

"Casa Hayes"

Gund Hall Gallery, fall 2003

A project exhibition pairing construction detail drawings with finished photos.

LECTURES:

GSD Loeb Library Talks (co-speaker with Ken Tadashi Oshima, Antoine Picon)

"Kiyonori Kikutake: Between Land and Sea", 2015

International Design Symposium, Kyoto Design School

"The Architect as Storyteller", March 2013

Japanese Consulate of Boston

"Japan's Contemporary Architecture and Foreign Tourism", April 2010

North East Thames Architectural Society, London (branch of RIBA)

"Reflections on the Architecture of Louis Kahn", January 2010

GSD Public Lecture Series (co-panelist with Paul Tange, Gerald McCue, Toshiko Mori)

"Utopia Across Scales: Thoughts on Kenzo Tange"

Wentworth Institute of Technology, Boston

"Works in Costa Rica", April 2006

Universidad del Diseño, San José, Costa Rica

"Working in Costa Rica", June 2002

University of California, Berkeley

"Teaching Technology", April 2000

University of Hawaii

"Notions of Place in Contemporary Japanese Architecture", March 2000

Catholic University of America

"Notions of Place in Contemporary Japanese Architecture", April 1997

Bienal de Arquitectura, Quito, Ecuador

"Architecture of Fumihiko Maki", November 1996

INVITED DISCUSSIONS:

Japanese Consulate of Boston

"Rebuilding Tohoku After the Tsunami", September 2011; with Consul General Masaru Tsuji and other Harvard faculty
– Doug Ahlers and Dutch Leonard (KSG), Miho Mazereeuw (GSD).

FILM AND VIDEO:

Interviewed for video *Fumihiko Maki, AIA Gold Medal 2011*, produced for AIA Gold Medal Ceremony in New Orleans, May 2011.

SPONSORED EDUCATIONAL EVENTS:

Demonstration of traditional Japanese woodworking tools and techniques by *daiku* Akinori Abo

Reischauer Institute, January 2014; Graduate School of Design, April 2014.

IKEBANA!: demonstration and workshop on Japanese flower arranging by Grand Master Hiroki Ohara

Graduate School of Design, April 2014.

PROFESSIONAL WORK by Mark Mulligan, Architect

Selected projects, 1998 – present

Anderson House, Alexandria, Virginia

Project for a 3500 sf single-family house using modular insulated panel construction for exterior walls and roofs. Southern wall features a customized system of sliding glass doors and screens facing the garden.

Sturdy House, Marblehead, Massachusetts

Interior renovations to 18th century wooden house in seaside town.

Casa Rudín-Vega, San José, Costa Rica

Four-story reinforced concrete structure incorporating three apartments for members of an extended family, sharing courtyard gardens and common amenities. Sited in a tough downtown neighborhood of San José, the house is intended as an anchor for neighborhood regeneration.

Casa Hayes, San José, Costa Rica

Three-story reinforced concrete house, incorporating a large living space that may double as a recital hall. Features a rooftop terrace with panoramic views of the Central Valley. Published in *Dwell, UME*.

Young House, Hilo, Hawaii

Addition/renovation to existing wood frame house, providing a new carport, music studio, and entrance garden.

Morse House, Malden, Massachusetts

Addition/renovation to existing wood frame house, using SIP construction.

Constable House, Cambridge, Massachusetts

Interior renovation of 1880 brick rowhouse. Published in *Fine Homebuilding*.

Pollalis House, Belmont, Massachusetts

(in collaboration with Rafael Moneo)

Osbourne House, Harwichport, Massachusetts

Hirsch House, Concord, Massachusetts

Kurukulla Center for Tibetan Buddhist Studies, Medford, Massachusetts

Masterplanning, landscape and architectural design for project to transform existing wood-frame house into a Buddhist study center, including new meditation hall, library, activities room, and associated spaces; relocation of public entrance to former rear of house, through garden paths. (In collaboration with Shapero McIlroy Design)

UIA Ephemeral Structures Competition, Athens, Greece

Project for demountable urban installation that continuously expands and contracts over a 24-hour period, serving as a café in the morning, as a library/exhibition space in the afternoon, and as an outdoor discotheque at night. Program called for the lightweight pavilion to fold up and fit onto a truck bed, thus to be transported overnight and set up in new spaces around the city during and after the Athens 2004 Olympic Games. (In collaboration with Osamu Sassa)

PRESERVATION ADVOCACY

Woodberry Poetry Room, Lamont Library, Harvard University (Alvar Aalto, architect). Interviewed nearly twenty librarians, historians, architects, technical experts, furniture manufacturers, as well as analyzing drawings, photographs, letters, and articles, to understand Alvar Aalto's original design and changes made to it in 2006. Wrote a report for the Harvard University Provost assessing the viability of restoring the Poetry Room to its original condition while accommodating current and future technologies needed to preserve its intended use.

Aichi Prefecture Fine Arts University (Junzo Yoshimura, architect). Collaborated with Yoshimura's daughter and former associates to fight plans to demolish and redesign a campus that was the late architect's largest and most noteworthy commission. Efforts included both documentation of the existing original buildings and landscape preserve the original buildings and landscape as Yoshimura designed them – against plans to demolish and rebuild the campus following a new master plan.

PROFESSIONAL WORK in other offices

Maki and Associates Tokyo, Japan, 1990-96

Tokyo Church of Christ, 1995

Project designer/ site architect for 600-seat church in central Tokyo. 3000 sq. m. reinforced concrete structure featuring translucent "double-skin" glass wall to introduce light to main sanctuary. Published in *GA, Japan Architect, Architectural Record, Shin-kenchiku*.

Seminar Guest House, Keio University Shonandai Campus, 1993

Design team member for 500 sq. m. exposed reinforced concrete structure; responsible for interiors and furnishings. Published in *Shin-kenchiku*.

Kirishima International Concert Hall, 1992

Design team member for 700-seat concert hall dedicated to symphonic and classical chamber music; responsible for design of hall interior as modified shoebox and interface with acoustical/technical consultants (Nagata Acoustical Engineers). Published in *GA, Japan Architect, Shin-kenchiku*.

Children's House, 1991

Project designer for one of eight architect-designed small houses grouped to form an innovative orphanage campus in Oswiecim, Poland; collaborated with Polish executive architect to develop low-cost details. Published in *GA*.

Symphony Hall, Kyoto (competition), 1991

Olympic Sports Park, Berlin (competition), 1992

Museum of Contemporary Art, Stuttgart (competition), 1990

Diener+ Diener Architekten Basel, Switzerland, 1989

Basler Versicherung HQ, Basel, Switzerland

Intern, responsible for interiors and façade detail studies

Police Station, St. Gallen, Switzerland (competition)

Intern, design team member

LANGUAGES:

English (native); Spanish, Japanese (conversational fluency); French, German (working knowledge)

MUSICAL AFFILIATIONS:

Founding member, Purple Lotus Quartet (violin)

Member, Associated Chamber Music Players

Member, Tanglewood Festival Chorus