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2024 AIA Fellowship

Candidate Joyce Hwang
Organization University at Buffalo, School of Architecture and Planning
Location Buffalo, New York
Chapter AIA New York State;

Category of Nomination

Object 6 (Education, Literature, Research) > Education

Summary Statement

Joyce Hwang is a pioneering researcher in advancing multispecies design in architecture. Her focus on ecological practices and climate justice contributes to innovating design education, and advocating for equity and empowerment in the built environment.

Education

Princeton University, 2001 - 2003, Post-professional Master of Architecture (M.Arch).
Cornell University, 1992 - 1997, Professional Bachelor of Architecture (B. Arch).

Licensed in:

New York State #034060
NCARB #70705

Employment

Academic:

University at Buffalo, School of Architecture and Planning, 2005 - present.
University of Toronto, Daniels Faculty of Architecture, Landscape and Design, 2018.
Temple University, Tyler School of Art and Architecture, 2003-2005.
New Jersey Institute of Technology, Hillier College of Architecture and Design, 2003.

Practice:

Ants of the Prairie, 2010 - present.
MGA Partners, 2004- 2005.
Agrest and Gandelsonas Architects, 2003.
Tonet Sunyer Arquitecto, 2001.
Carlos Ferrater Arquitecto / Office of Architecture in Barcelona, 2000.
Handel Architects, 1998 - 2000.
McCall Design Group, 1997 - 1998.



September 27, 2023

Lisa Lamkin, FAIA, Chair 2024 Jury of Fellows

American Institute of Architects, 1735 New York Avenue, NW

Washington, DC 20006-5292 via HonorsAwards@aia.org

RE: Joyce Hwang, AIA- Sponsorship for Elevation to Fellowship

Dear Ms. Lamkin,

It is my honor and privilege to nominate Joyce Hwang, AIA, for elevation to Fellowship in the American Institute of Architects. Joyce has devoted her career to the profession by illuminating the vital nature of multispecies design and social justice through scholarship, advocacy, and mentoring. A colleague, collaborator, and friend since 2005, Joyce continuously inspires me by her deep commitment to the built environment and the depth of her impact.

In **her research, advocacy, and teaching**, Joyce has worked to advance the importance of **ecological practices through multispecies design**. This important work has expanded the discourse around sustainability to include all species on the planet. Joyce's research has impacted her students at UB and reached an international audience through exhibits, fellowships and lectures.

Joyce's **leadership in the academy** is well established at the University at Buffalo and beyond. As a leader at the School of Architecture and Planning, Joyce has taught over eight hundred students and introduced them to expanded vehicles of sustainability. I know many of her former students. They all cite Joyce's studios as pivotal experiences in their architectural education. Her thoughtful leadership in the ACSA as a JAE editorial board member and chair of the Research and Scholarship Committee has elevated the conversations on social and climate justice in the academy.

Joyce also leveraged her expertise in the DEI space for **advocacy for equity and empowerment**. In 2013-14, Joyce and I co-chaired two symposia with the UB Gender Institute: *Building Talent* and *Suiting-Up*. Each of these multi-disciplinary symposia explored professionalism and gender equity and attracted national participation. On the national and international stages, Joyce has become a sought-after voice on social justice. She is a core organizer of Dark Matter U, which works to promote anti-racist design education and practice and she serves on the steering committee for US Architects Declare.

Joyce is a unique advocate in the profession and leader in the academy. She embodies the very ideals of our College of Fellows and represents the future of our profession. It is with great admiration for her impact that I sponsor Ms. Joyce Hwang, AIA, for elevation as a Fellow in the American Institute of Architects.

Sincerely,

Kelly Hayes McAlonie, FAIA, AUA, LEED AP
Director of Campus Planning
NAAB Director 2020-2023, Treasurer 2021-23

**2024 College of Fellows Application
Joyce Hwang AIA**

Object 6: Education

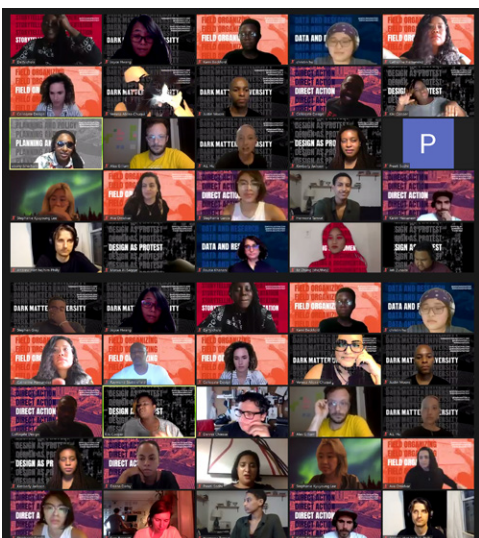


1.0 Summary of Achievements



Joyce Hwang AIA

Joyce Hwang is a pioneering researcher in advancing multispecies design in architecture. Her focus on ecological practices and climate justice contributes to innovating design education, and advocating for equity and empowerment in the built environment.



Ecological Practices: Advancing Multispecies Design

For nearly two decades, Professor Hwang’s research and creative practice have forged pathways for advancing multispecies design in the discipline of architecture. With a focus on designing and building projects that incorporate habitat conditions for urban fauna into the built environment, Hwang’s work explores ways that architecture can enhance habitat for bats, birds, and other non-human species, while bringing public attention to the significance of urban ecologies. Through her research and publications, she advocates for the thoughtful consideration of non-human communities, which not only aid in regenerating landscapes and enhancing biodiversity, but also amplify urban vitality and sense of place. Hwang’s work in pioneering and sustaining research in multispecies design has been influential in shaping the discipline’s discourses in ecological design. Her research and practice are recognized nationally and internationally, with distinct highlights that include the 2014 Architectural League Emerging Voices Award, the 2020-21 Exhibit Columbus University Design Research Fellowship, and the 2024 WOJR/Civitella Ranieri Architecture Prize. Also significantly, her work was featured by the Museum of Modern Art (MoMA), its documentary video series “Built Ecologies: Architecture and Environment,” created by MoMA’s Emilio Ambasz Institute for the Joint Study of the Built and Natural Environment. Further, Hwang was invited to join US Architects Declare as a steering committee member to advance its mission in addressing the intersectional crises of climate change, social inequity, and biodiversity loss.

Ecological Practices: Teaching, Mentoring and Advising

As an educator, Professor Hwang brings research to bear on advancing undergraduate and graduate curricula. At the University at Buffalo SUNY, as part of the Department of Architecture’s “Ecological Practices Research Group,” she teaches graduate studios that investigate topics around urban ecologies, nonhuman habitats, and biodiversity enhancement in developing spatial design proposals. She often engages biologists, ecologists, and other specialists in her studio pedagogies, frequently connecting her graduate studios with organizations geared toward environmental activism and the arts. She has co-coordinated several significant academic design-build projects that have not only garnered support from local communities, but have also nurtured partnerships with local industries, leading to the continued development of award-winning and published student projects.

Leadership in the Academy

Professor Hwang’s role at UB, where she has been based for 18 years, expands beyond teaching and advising. After receiving tenure in 2013, she has been collaboratively leading the Department of Architecture through several administrative positions: Director of Professional Studies (2013-2015); Associate Chair and Director of Undergraduate and Graduate Studies (2018-2021); and Director of Graduate Studies (2021-current). In these capacities, she has focused on curriculum development, accreditation, and advancing career advisement for students, among many other priorities. Further, her service in the academy extends to ACSA (Association of Collegiate Schools of Architecture), principally as an editorial board member for JAE (Journal of Architectural Education), from 2018 to 2024, and as a member of the ACSA Research and Scholarship Committee, from 2021-2023 (chairing the committee in 2022-23).

Advocacy for Equity and Empowerment

Professor Hwang’s work in advocating for equity in the discipline and profession spans between academic research, student mentoring, department administration, and working with organizations that focus on design justice. Her sustained efforts in organizing discussions and public events at UB that elevate women and people of color led to the publication of her co-edited book, *Beyond Patronage: Reconsidering Models of Practice*, which is a collection of essays that amplifies women’s voices in architecture and illuminates examples of projects and practices that are initiated through models of research, advocacy, and activism. Beyond the university, she is actively involved in several organizations that promote equity in design fields and work to empower under-represented minorities in architecture and allied disciplines. Since 2020, she has served as a core organizer for Dark Matter U, an anti-racist design education collective. Further, Hwang was invited by the SOM Foundation to serve as a mentor to undergraduate BIPOC students as part of its Robert L. Wesley Awards program.

2.0 Achievements

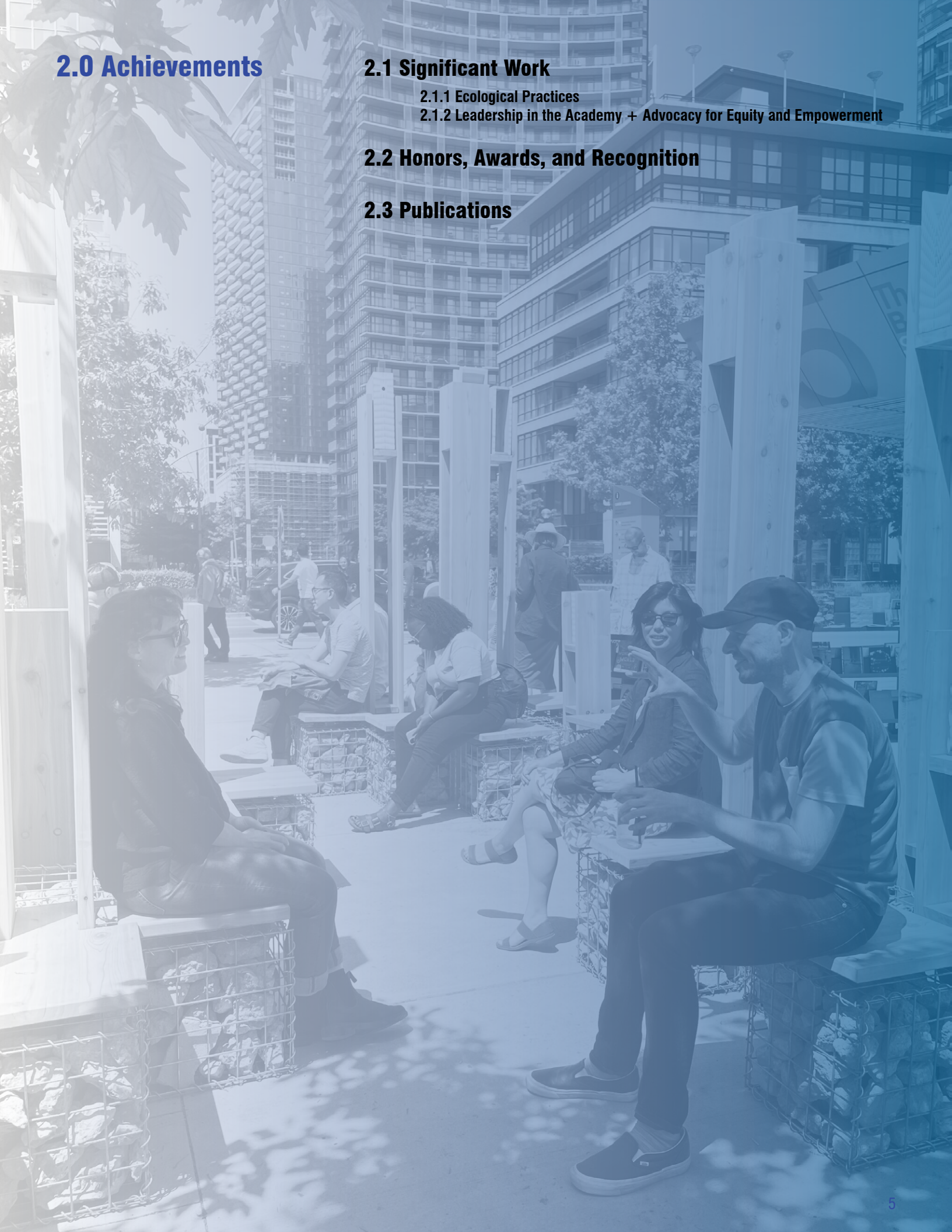
2.1 Significant Work

2.1.1 Ecological Practices

2.1.2 Leadership in the Academy + Advocacy for Equity and Empowerment

2.2 Honors, Awards, and Recognition

2.3 Publications



2.1 Significant Work

Ecological Practices



Multispecies Lounge (2023)

Location: Toronto, Ontario, Canada
Commissioned by The Bentway Conservancy
By: Joyce Hwang and Nerea Feliz / Double Happiness

Multispecies Lounge is a public urban ‘lounge’ for human recreation, as well as an aggregation of spaces designed for animal inhabitation and awareness, including bird houses, insect habitats, and hibernacula for smaller terrestrial animals. Using renewable resources such as cedar, as well as upcycled materials such as discarded construction waste, the project’s material ecology advocates for circular economies in construction. The installation features UV reflective graphics, as a nod toward insects and birds, and their ability to see beyond the light spectrum visible to humans.



Piaule Multispecies Habitats (2022)

Location: Piaule Landscape Hotel, Catskill, NY, USA
Sponsored by Piaule Catskill and Pratt Institute School of Architecture
By: Joyce Hwang/Ants of the Prairie in collaboration with
Pratt Institute School of Architecture, Master of Landscape Architecture Students

The Piaule Multispecies Habitats is a series of three structures, designed as scaffolding to support a series of bird nesting boxes, bat houses, and insect habitat boxes. The installation is located along a walking trail, and designed with attention to local wildlife in the region. The project was commissioned as part of the Piaule Multispecies Habitats Fellowship that was awarded to Hwang by Pratt Institute’s School of Architecture.



For Our Neighbors (2022)

Location: Brooklyn Botanic Garden, Brooklyn, NY, USA
Commissioned by Brooklyn Botanic Garden for “For the Birds” Exhibition
By: Joyce Hwang /Ants of the Prairie

For Our Neighbors is a welcome space for synanthropic birds – that is, bird species that often live among and rely upon structures associated with human habitation. Aiming to draw attention to some of the birds that co-exist with us as neighbors, the bird house is conceived of as analogous to a roof system, enhanced with vertical and covered platform surfaces for Barn Swallow nest-building, or to serve as nesting sites for House Finches, Mourning Doves, and other birds that utilize ledges. Exaggerated rain gutters can potentially be habitation sites for Carolina Wrens.



Planetary Optimist, Smart Planters (2022)

Location: Buffalo, NY, USA
Sponsored by: Google X/ Moonshot Factory, with support from: Grassroots Gardens WNY, Pelion Garden/ City Honors High School, Tifft Nature Preserve, Buffalo Museum of Science
By: Joyce Hwang / Ants of the Prairie, in partnership with Monica Pawlak, Maria Rybakowska, and Szymon Zmyslony

This is a series of four planters that are located in four different ecological patches in Buffalo. Each planter -- outfitted with native pollinator plants, solitary bee boxes, and documentation technologies -- serves as an instrument for gathering biodiversity data at each site. The design of the planters didactically reflect bar graphs that illustrate conditions of global biodiversity loss, which visitors can read online through scanning QR codes.

2.1 Significant Work

Ecological Practices



To Middle Species, With Love (2021)

Location: Columbus, Indiana, USA

Commissioned by Exhibit Columbus/Landmark Columbus for “New Middles” Exhibition
Curated by Mimi Zeiger and Iker Gil

By: Joyce Hwang / Ants of the Prairie, with UB Department of Architecture

To Middle Species, With Love aims to amplify habitat conditions and bring visibility to “middle species” in Columbus. In contrast to “flagship” species, these urban animals – bats, birds, amphibians, reptiles – are common and embedded in our communities. They are neighbors and community members who contribute to our ecosystem, yet often remain invisible in the imaginations of where we as humans live. To sense the less-visible world of urban wildlife, the project taps into sound, specifically bat echolocation, by using ultrasonic detectors to record bat calls, and makes the recordings accessible to visitors.



Hidden in Plain Sight (2019)

Location: Matadero, Madrid, Spain

Commissioned by Matadero Madrid, curated by elii for “Cyborg Garden” Exhibition

By: Joyce Hwang and Nerea Feliz / Double Happiness

Hidden in Plain Sight is designed to enhance the exterior public spaces of Matadero, an arts institution situated in a former municipal slaughterhouse. The proposal is a series of urban furnishings that aim to amplify and bring awareness to various forms of urban “life” through visual, tactile and ecological means. The project supports an inclusive web of interdependent species, both human and non-human, by introducing pollinator gardens, caterpillar feeding gardens, and arthropod habitat. The images show models and drawings that were exhibited at Matadero as part of the first phase of the project.



Life Support (2019)

Location: Barrer Hill, Molongolo Valley, Canberra, Australia

Sponsored by: Australian Capital Territory Parks and Conservation Service

By: Joyce Hwang / Ants of the Prairie, in partnership with Darren Leroux (ecologist), Mitchell Whitelaw (digital visualization designer)

Life Support is a prosthetic vertical habitat installation, sited in an area for ecological habitat restoration. The project repurposes an existing 13.7 m (45 ft) tall Yellowbox Eucalyptus tree that was removed from a residential neighborhood. The primary structure is enhanced with nesting cavities for birds and bats, created by carving into the tree itself and adding hollowed-out tree offcuts to the installation. The project brings awareness to the habitat-rich qualities of large, old trees, which are critical for ensuring urban biodiversity.



Bower (2016)

Location: Artpark, Lewiston, NY, USA

Commissioned by: Mary Miss/ City as Living Laboratory and Artpark

By: Joyce Hwang / Ants of the Prairie, in partnership with Ellen Driscoll (visual artist)

Bower is a series of architectural fragments that frame the surrounding landscape. Evoking the construction of local vernacular houses, the project also features custom-designed glass ‘windows,’ each with an image that performs as a visual interference pattern for birds, drawing attention to the perils of bird-strike window collisions. Layered upon the fragments are a collection of bird nesting boxes for various local species. The window images are created from drawings that depict local species of birds that have come to prefer human-made structures to nest in.

2.1 Significant Work

Ecological Practices



Habitat Wall (2015)

Location: School of the Art Institute of Chicago, Sullivan Galleries, Chicago, IL, USA
Commissioned by: SAIC for "Outside Design" Exhibition
By: Joyce Hwang/ Ants of the Prairie

Habitat Wall is a prototype wall structure that incorporates conditions for bat and bird inhabitation into its design, aiming to give a spatial and tactile presence to species-specific considerations. Built from cedar, pine, and salvaged building materials, the prototype's primary features include thin crevices of space which allow for occupation by bats that typically might roost in attics, wall cavities, and other building features. Use of rough cut wood and textured material, such as recycled window shutters, enable bats to better land and climb into the cavities above. The prototype also includes bird nesting boxes and surfaces that are constructed for swallows and other cliff dwelling birds.



No Crash Zone (2015)

Location: School of the Art Institute of Chicago, Sullivan Galleries, Chicago, IL, USA
Commissioned by: SAIC for "Outside Design" Exhibition
By: Joyce Hwang/ Ants of the Prairie

No Crash Zone is a temporary 'renovation' of a window in the historic Carson, Pirie, Scott building to make visible the logics of bird-strike prevention. Glass windows is one of the leading causes of bird deaths in urban areas, as birds are not able to discern clear glass by sight. This project implements a decorative window pattern that also serves as visual interference to make the glass visible to birds. The pattern, a play on a one-point perspective, gives a nod to architecture's preoccupations with the humanist subject and the notion of a window as a perspectival frame.



Bat Cloud (2012, 2014)

Location: Tiff Nature Preserve, Buffalo, NY, USA and Pompenburg Park, Rotterdam, Netherlands.
Sponsored by UB School of Architecture and Planning and Awesome Without Borders
By: Joyce Hwang/ Ants of the Prairie

Bat Cloud is hanging cloud of bat habitat "pods." Hung from a series of cables, each vessel is formed to enable bats to land and inhabit a cavity at top. The lower portion of each vessel is a makeshift planter, which could collect with seeds from neighboring plants. If inhabited, the bat guano would could serve as fertilizer for the plants below. Initially developed as a temporary installation as part of the UB Humanities Institute's Fluid Culture Festival in Buffalo, a second iteration was created in 2014 for the International Rotterdam Architecture Biennial, and is installed in a public park in Rotterdam.



Generative Zoning (2011)

Research: Buffalo, NY, USA
Sponsored by UB Baldy Center for Law and Social Policy
By: Joyce Hwang/ Ants of the Prairie

Generative Zoning is a research project that explores the spatial and ecological potentials through a close-reading of Buffalo's zoning ordinances. Following an analysis of form and use-based regulations, the study focuses on setback requirements, which are typically perceived as restrictions on development. In areas that border Industrial and Residential Transforming what is perceived as restrictions on development to opportunities to mitigate habitat fragmentation. The project proposes ways to introduce habitat corridors and green infrastructure in the city by reconsidering strategies for development.

2.1 Significant Work

Ecological Practices



Bat Tower (2010)

Location: Griffis Sculpture Park, East Otto, NY, USA

Sponsored through grant from NYSCA (New York State Council on the Arts)

By: Joyce Hwang/ Ants of the Prairie

Bat Tower is designed to provide bat habitat conditions, aiming to bring visibility to bats as a critical part of our ecosystem. Challenging the often invisible presence of conventional bat houses, the project is intentionally conspicuous in its disposition as a sculptural tower, and its participation as part of a publicly accessible sculpture park. Located adjacent to a pond, the project provides a space of rest for mosquito-hungry bats. The wooden ribbing of the structure creates crevices and tight spaces that are suitable for bats to occupy and escape from predators.



Trellis at Silo City (2020) - UB ARCHITECTURE STUDENT WORK

Location: Silo City, Buffalo, NY, USA

Faculty: Laura Garofalo (Fall 2019), Joyce Hwang (Spring 2020), Nick Rajkovich (Fall 2020)

Project sponsor: Rigidized Metals, Buffalo, NY

By: UB Architecture, Ecological Practices Research Group Studios

Designed and built through three semesters of graduate studios, the Trellis is a 60 foot diameter dome created using salvaged stainless steel conduit. Developed to support the growth of planted willow trees, the project was conceived of as a green canopy shade structure. The groundscape of the project uses nutrient-rich hugelkultur, assisting in regenerating the degraded soil of this post-industrial landscape. The project serves as a community gathering space at Silo City.



Elevator B / Hive City (2012) - UB ARCHITECTURE STUDENT WORK

Location: Silo City, Buffalo, NY, USA

Faculty Advisors: Joyce Hwang, Christopher Romano, Martha Bohm

Project sponsor: Rigidized Metals, Buffalo, NY

By students: Courtney Creenan, Kyle Mastalinski, Lisa Stern, Scott Selin, Dan Nead

This 22 foot tower was designed as an artificial hive for honey bees, created by UB students as part of a student design competition, initiated and facilitated by UB faculty. The structure houses a colony of bees that were relocated from a neighboring vacant building that was slated for renovation. The tower provides a space at the ground where visitors can enter and observe the hive of bees enclosed in a suspended cab above. The cab can be raised and lowered for purposes of maintenance.



Ecological Practices Studio Teaching - UB ARCHITECTURE STUDENT WORK

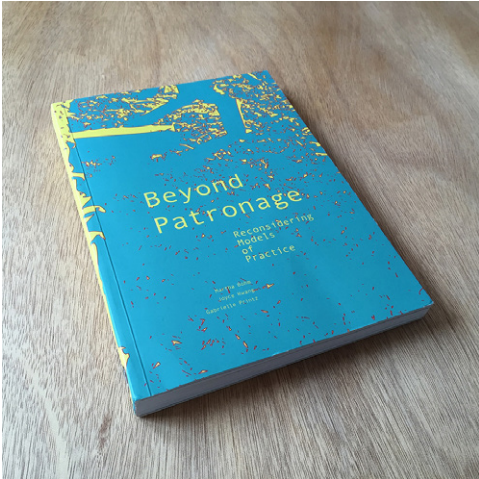
University at Buffalo, School of Architecture and Planning, Department of Architecture

By: UB Architecture, Ecological Practices Research Group Studios

As a key member of the Ecological Practices research group at UB, Hwang has taught six graduate level studios, six graduate level seminars, and served as a thesis advisor for 18 graduate students. Through her teaching, Hwang encourages students to explore significant issues in ecological design, and innovate design thinking to enhance biodiversity. In some cases, her students' studio projects have instigated further thesis research. Shown here is a full-scale bird habitat and public art installation by Rachel Mordaunt, who developed the project -- sited at Artppark -- as part of her thesis, as a continuation of the work she undertook during her graduate studio with Hwang in 2017.

2.1 Significant Work

Leadership in the Academy Advocacy for Equity and Empowerment



Beyond Patronage: Reconsidering Models of Practice

Co-editors: Joyce Hwang, Martha Bohm, and Gabrielle Printz

Publisher: Actar, published in 2015

This book presents a series of essays, projects, and interviews that examine emerging forms of sponsorship, new forms of connectivity that produce innovative modes of collaboration, and strategies for cultivating relationships that allow us to rethink typical hierarchies between those in power and those in service. The book highlights architects and design practitioners that are actively cultivating partnerships with not-for-profits, granting agencies, educational institutions, and other public organizations to expand the role of patronage in architecture, and discusses how emerging practitioners are grappling with issues of inclusion and exclusion in the field. Contributors include speakers from a symposium at UB, and interviews conducted by UB students.

Martell Symposium -- Beyond Patronage: Reconsidering Models of Practice

Co-organizers: Joyce Hwang and Martha Bohm

Date: Fall 2012

The day-long event featured eight nationally acclaimed women speakers, three moderators, and a special panel session that included local practitioners from the Buffalo area. The symposium explored practices and projects that emerged from innovative modes of collaboration, research and advocacy. The talks discussed ways to confront typical power structures in the field through strategies of empowering less-resourced stakeholders.



Positions related to Object:

University at Buffalo SUNY, School of Architecture and Planning, Department of Architecture

Hwang has been a faculty member at UB since 2005, was an Assistant Professor from 2006 to 2013, and received tenure in 2013. She is currently an Associate Professor and the Director of Graduate Studies. Her current and past leadership positions are:

2021- Current: Director of Graduate Studies

2018- 2021: Associate Chair, Director of Graduate Studies, Director of Undergraduate Studies

2013- 2015: Director of Professional Studies



Association of Collegiate Schools of Architecture (ACSA)

Hwang's roles in serving the ACSA include the following:

2021-23: ACSA Research and Scholarship Committee, serving as Committee Chair in 2022-23

2018- 2023: Journal of Architectural Education (JAE) Editorial Board

2021- 2023: JAE Fellows Advocate

2020: JAE Executive Editor Search Committee

Dark Matter U (DMU)

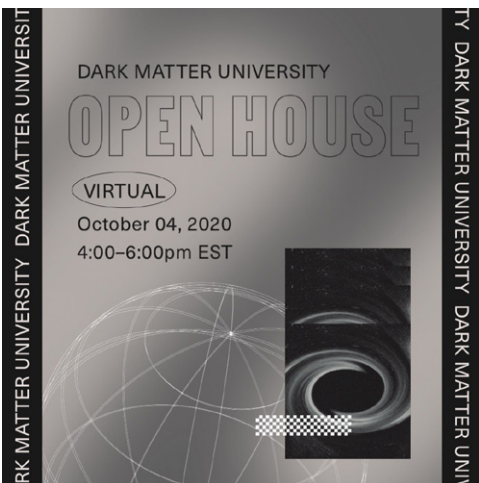
Hwang is an active member of DMU and was part of its formative stages in 2020. Since joining the collective, she has served as a Core Organizer, and as part of the People and Opportunity Working Group, which strives to ensure collective care and mentoring in the network and organizes relationships with external collaborators, including academic administration.

US Architects Declare

Hwang was invited to join US Architects Declare's Steering Committee in 2020, during the organization's formative stages. Since joining, she has served on the Steering Committee and was a leader in the Biodiversity Working Group in developing resources, case studies, and educational material.

SOM Foundation, Robert L. Wesley Award Program

Hwang was invited to serve as a juror for the inaugural Robert L. Wesley program, which awards scholarships and mentorships to undergraduate BIPOC architecture students in honor of SOM's first Black architect. She has served as a mentor for the awarded students since 2021.



2.2 Honors Awards and Recognition

Awards and Features

Professor Hwang's research and creative practice work have been recognized through numerous international and national awards, exhibitions, and features, including an **Emerging Voices Award from the Architectural League of New York**, recognition by the **Museum of Modern Art (MoMA)**, inclusion in the **Venice Architecture Biennale**, and fellowships from **Exhibit Columbus** and **MacDowell**. A selection of Hwang's honors include the list below.

Recognition through Significant Exhibitions and Features:

2023 The Bentway, "Beyond Concrete": Toronto, Canada.

2022 Museum of Modern Art (MoMA), Emilio Ambasz Institute for the Joint Study of the Built and Natural Environment, "Built Ecologies: Architecture and Environment" video series: New York, NY.

2022 Brooklyn Botanic Garden, "For the Birds": New York, NY.

2020- 2021 Exhibit Columbus, "New Middles: From Main Street to Megalopolis": Columbus, IN.

2019 Matadero Madrid, "Ecovisionaries" / "Cyborg Garden": Madrid, Spain.

2015 School of the Art Institute of Chicago (SAIC), "Outside Design," Sullivan Galleries: Chicago, IL.

2014 International Architecture Biennale Rotterdam (IABR), "Urban by Nature," Kunstal: Rotterdam, Netherlands.

2012 Venice International Architecture Biennale, U.S. Pavilion presentation "Spontaneous Interventions: Design Actions for the Common Good": Venice, Italy.

Awards, Fellowships, Grants (selected):

2023 WOJR/Civitella Ranieri Architecture Prize for 2024.

2022 Pratt School of Architecture, Piaule Multi-Species Habitats Fellow.

2020-21 Exhibit Columbus, University Design Research Fellowship.

2017 International Craft and Design Residency, Australian National University, School of Art and Design.

2017 Blue Mountain Center Residency.

2017 Urban Edge Award, University of Wisconsin, Milwaukee.

2016 and 2011 MacDowell Fellowship.

2014 Architectural League Emerging Voices Award.

2013 New York Foundation for the Arts (NYFA) Fellowship, Category: Architecture/Environmental Structures/Design.

2013 Simpson Visiting Critic, Edinburgh School of Architecture and Landscape Architecture.

2013 and 2008 New York State Council on the Arts (NYSCA), Independent Project Grants.

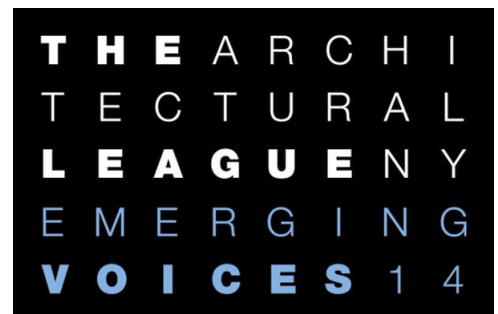
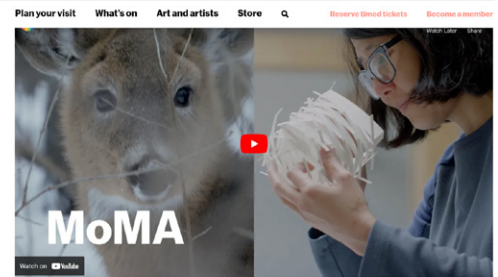
2012 Urban Animal: The 2012 Animal Architecture Awards, First Place.

2010 Baldy Center for Law and Social Policy Grant, University at Buffalo Law School.

2008 2G Venice Lagoon International Design Competition, Finalist.

2005 Chicago Prize: Water Tanks International Ideas Competition, Honorable Mention (with Milenko Ivanovic).

2003 Chi Chi Earthquake Memorial, Taiwan, International Design Competition, Finalist (with David Allin).



Professor Hwang has an extensive record of invited lectures and public speaking engagements. She has delivered **over 40 public lectures** as a **keynote speaker or sole lecturer** and **over 20 lectures as an invited guest speaker in an academic course** outside of the University at Buffalo. A selection of Hwang's public lectures include the list below.



Invited Keynote Speaker or Sole Lecturer (selected):

2023 ACADIA, "Habits of the Anthropocene" Conference Keynote, Denver, CO (forthcoming).

2023 University of Oregon, HOPES (Holistic Options for Planet Earth Sustainability), "Beyond Us" Conference Keynote: Eugene, OR.

2023 University of Illinois Urbana Champaign, "Climate Fictions" Lecture Series: Urbana, IL.

2023 The Kampong, Symbiotic House Lecture Series: Miami, FL.

2022 Syracuse University, "Design and the Biodiverse" Lecture Series: Syracuse, NY (online).

2022 Williams College: Williamstown, MA.

2022 Kean University: Union, NJ.

2022 Buffalo Museum of Science: Buffalo, NY.

2022 University of San Francisco: San Francisco, CA (online).

2022 California College of the Arts (CCA): San Francisco, CA (online).

2021 Architectural League of NY First Friday Distance Edition: New York, NY (online).

2021 Cooper Union: New York, NY.

2021 Massachusetts College of Art and Design, Sustainable Art and Design Lecture Series: Boston, MA (online).

2021 Thomas Jefferson University: Philadelphia, PA (online).

2021 École polytechnique fédérale de Lausanne (EPFL): Lausanne, Switzerland (online).

2021 Indian Institute of Technology (IIT) Roorkee: Roorkee, India (online).

2020 Carnegie Mellon University: Pittsburgh, PA (online).

2020 School of Planning and Architecture Bhopal: Bhopal, India (online).

2020 Chulalongkorn University, International Program in Design and Architecture: Bangkok, Thailand (online).

2019 Purdue University: West Lafayette, IN.

2019 Bard College, Annadale-on-Hudson, NY.

2019 Australian National University (ANU): Canberra, Australia.

2018 University of Massachusetts Amherst (UMass Amherst): Amherst, MA.

2018 Massachusetts College of Art and Design: Boston, MA.

2018 University of Toronto: Toronto, Canada.

2017 Australian National University (ANU): Canberra, Australia.

2016 Rhode Island School of Design: Providence, RI.

2015 University of Toronto and York University, "Reinventing the Urban" Conference Keynote: Toronto, Canada.

2015 School of the Art Institute of Chicago (SAIC): Chicago, IL.

2015 Drury University: Springfield, MO.

2014 Architectural League Emerging Voices Lecture: New York, NY.

2014 Hobart and William Smith Colleges: Geneva, NY.

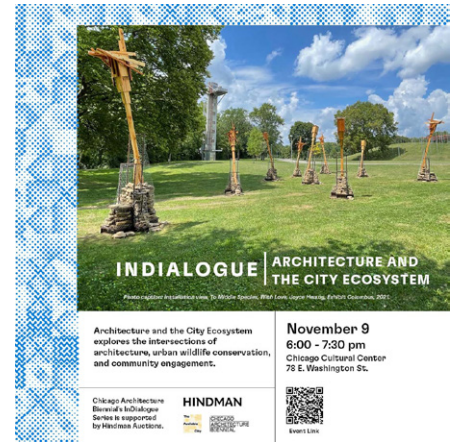
2014 University of Nevada, Las Vegas: Las Vegas, NV.

2013 Edinburgh School of Architecture and Landscape Architecture: Edinburgh, Scotland, UK.

2012 University of Waterloo: Cambridge, Canada.

2004 Temple University: Philadelphia, PA.

Professor Hwang is frequently invited to participate in panel discussions as a leading voice in the discipline. She has delivered **over 25 lectures as a key speaker among a group of panelists**, and has been **invited as a discussant in over 15 public events**. She has also co-organized four public events as part of her service roles with DMU, US Architects Declare, and ACSA. A selection of Hwang's participation in panel discussions is listed on this page.



Panel Speaker (selected):

2022 ACSA National Conference: St. Louis, MO.

2022 ACSA Administrators Conference: Boston, MA.

2022 ACSA/AIA Intersections Conference, "Expanded Futures" Plenary Session (online). 

2022 Canadian Centre for Architecture (CCA), "Curatorial Design": Montreal, Quebec, Canada.

2022 University of Oregon, Overlook Field School, Fuller Initiative for Productive Landscapes, "Transpecies Symposium": Waverly, PA.

2021 Exhibit Columbus, Ball State University, and Indiana University -- "Mapping the Middle: Design Research Colloquium": Columbus, IN, USA

2021 Chicago Architecture Biennial (Two panels): Chicago, IL.

2021 AIA Washington DC -- "Politics, Protest, and Place: The Role of Inclusive Urbanism in Civic Activism": Washington DC (online). 

2021 Dark Matter U Workshop for Justice Alliance for Design Education (JADE-PHL): Philadelphia, PA (Online).

2021 Arup Phase 2 Public Programme (online).

2021 AIA/ACSA Intersections Research Conference, "COMMUNITIES" (online). 

2021 ACSA/EAAE Teachers Conference (online).

2021 Fay Jones School of Architecture and Design: Fayetteville, AR (online).

2021 Exhibit Columbus Design Presentations (online).

2021 City as Living Laboratory, New York, NY (online).

2020 AIA Minnesota Conference, Minneapolis, MN (online). 

2019 ACSA Administrators Conference: New Orleans, LA.

2019 Australian National University, School of Art and Design, "To see ourselves as part of something larger" Symposium: Canberra, Australia.

2019 Matadero: Madrid, Spain.

2018 Venice Architecture Biennale, U.S. Pavilion: Venice, Italy.

2018 City as Living Laboratory, New York, NY.

2017 Better World by Design, Brown University and Rhode Island School of Design, Providence, RI.

2017 Carnegie Mellon, Center for Sustainable Landscapes -- "Of More-than-Humans Spaces": Pittsburgh, PA.

2017 MIT NOMAS Panel -- "Women in Academia": Cambridge, MA.

2017 MORE (Merge, Open, Resignify, Expand): "Expanding Architecture from a Gender-based Perspective", International Conference on Gender and Architecture, Florence, Italy.

2016 City as Living Laboratory, New York, NY.

2016 Fenner School of Environment and Society, Australian National University, "Untaming the Urban: From Post-Anthropocentric Design to Urban Ecologies": Canberra, Australia.

2015 ACSA National Conference: Toronto, Canada.

2015 City as Living Laboratory, New York, NY.

2014 AIA New York State Conference (Two panels): Saratoga Springs, NY. 

2014 Syracuse University, "Transections Symposium": Syracuse, NY.

2013 ACSA National Conference: San Francisco, CA.

2012 Venice Architecture Biennale, U.S. Pavilion: Venice, Italy.

2012 Storefront for Art and Architecture: New York, NY.

2011 Storefront for Art and Architecture: New York, NY.

2010 Queens University, "Animals and Animality" Interdisciplinary Conference: Kingston, Ontario, Canada.

2007 International Federation for Housing and Planning (IFHP) 51st World Congress, "Futures of Cities: Impacts, Indicators, Implementations": Copenhagen, Denmark.

2006 ACSA Southwest Conference, Los Angeles, CA.

2.2 Honors Awards and Recognition

Juror and Reviewer

Professor Hwang has been invited to serve as a **juror for many national and international competitions and grant review panels**. In the academic context, she has served as an **invited guest critic for over 100 distinct reviews at nearly 50 schools of architecture**. In addition, Hwang has been invited to assess specific curricular programs, participate in discussions about curricula and teaching, and review faculty grant work. A selection of Hwang's participation as an invited juror or reviewer is listed on this page.



Juries and Review panels (selected):

2023 Design Educates Awards (International).
2022 NYFA/NYSCA Artist Fellowship, Architecture and Environmental Structures Category (New York State).
2022 JAE Fellows (International).
2021 SOM Foundation, Robert L. Wesley Awards (National)
2021 University of Michigan: Pressing Matters Grants.
2020 AIA Washington DC, Equity and Urban Design Committee Competition (National). 
2019 Architectural League Emerging Voices Phase 1 (International, North American).
2017 AIA Small Project Awards (National). 
2017 Steedman Fellowship, Sam Fox School of Design (International).
2017 University of Michigan: Research Through Making Grants.
2017, 2016, 2015 New York Council for the Arts (NYSCA) Independent Projects Grants.
2016 Bee/House/Lab International Design Competition.
2015 Architect Magazine R+D Awards (National). 
2014 AIA Buffalo: Animal House Competition. 

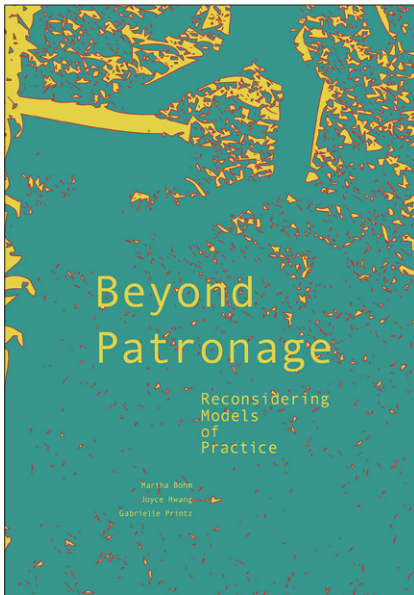
Invited Reviews at External Academic Institutions (selected):

Dalhousie University (2023)
University of British Columbia, Canada (2022, 20)
The Ohio State University (2022, 16)
University of Detroit Mercy (2022)
Syracuse University (2022, 20, 19, 17, 15, 14, 13, 12)
University of Michigan (2021, 19, 17, 16, 10)
University of Wisconsin, Milwaukee (2021, 16)
Massachusetts Institute of Technology (2021, 14)
University of New Mexico (2021)
University of Texas at Austin (2021, 20)
University of Illinois at Chicago (2021)
Yale University (2021)
Lawrence Tech University (2021)
Northeastern University (2021)
Rice University (2021)
University of Arkansas (2021)
Temple University (2021, 06)
Virginia Tech University (2021)
School of the Art Institute of Chicago (2021, 16)
Yale University (2020)
University of Houston (2020)
Louisiana Tech University (2020)
University of Colorado Denver (2020)
University of Nebraska Lincoln (2020)
Cornell University (2020, 19, 17, 16, 15, 13, 09, 08, 07)
University of Queensland, Australia (2020)
Toronto Metropolitan University, Canada (2020)
California College of the Arts (2020)
Columbia University (2020)
Wentworth Institute of Technology (2020)
Harvard University (2019, 16, 14, 05)
University of California at Berkeley (2019)
Institute of Advanced Architecture of Catalonia, Spain (2019)
American University of Sharjah, United Arab Emirates (2019)
Pennsylvania State University (2018, 13)
University of Waterloo, Cambridge, Canada (2018, 17, 15, 14, 12, 11, 07)
University of Massachusetts, Amherst (2018)
University of Toronto, Canada (2018, 17, 16, 12, 10, 09, 06)
Carnegie Mellon University (2017, 15, 10)
University of Tennessee, Knoxville (2014)
Princeton University (2012)
Parsons New School of Design (2008)
Boston Architectural Center (2005)
Rensselaer Polytechnic Institute (2005)
University at Buffalo, State University of New York (2005)
University of California at Berkeley (2004)
City College of New York (2004)
Architectural Association, England (2003)
University of Pennsylvania (2003)

2.3 Publications

Publications by nominee

Professor Hwang has authored numerous articles for journals, magazines and conference proceedings. She has written four book chapters, a book forward, and has co-edited one book. A selection of Hwang's publications are listed on this page.



Book

Hwang, Joyce; Bohm, Martha; and Printz, Gabrielle, eds. *Beyond Patronage: Reconsidering Models of Practice*. Barcelona/ New York: Actar, 2015.

Book Forward

Hwang, Joyce. "Foreword." In *Beyond Sustainable: Architecture's Evolving Environments of Habitation*, edited by Ryan Ludwig. xv-xvii. London, UK: Routledge, 2021.

Book Chapters

Hwang, Joyce. "Incorporating Empathy: To Middle Species with Love, Columbus, Indiana." In *Empathic Design*, edited by Elgin Cleckly. 123-136. Washington D.C.: Island Press, 2023.

Hwang, Joyce; Rajkovich, Nicholas; Garofalo, Laura. "The Trellis at Silo City: A Case Study for Design-Build in a Post-Industrial Context." In *Approaching Architecture: Three Fields, One Discipline*, edited by Miguel Guitart. 153-169. London, UK: Routledge, 2022.

Hwang, Joyce. "Toward a Charismatic Architecture." In *Creatures are Stirring: A Guide to Architectural Companionship*, edited by Joseph Altshuler and Julia Sedlock. 112-121. San Francisco: Oro Applied Research and Design Publishing, 2021.

Hwang, Joyce. "Generative Zoning: Mining the City for Novel Urban Habitats." In *WASTE MATTERS: Adaptive Reuse for Productive Landscapes*, edited by Nikole Bouchard. 168-179. London, UK: Routledge, 2021.

Journal Articles and Essays

Hwang, Joyce. "Environment as Collaborator." *Log*, no. 54 (2021), *Coauthoring*: 151-154.

Hwang, Joyce. "My Neighbor, the Bat." *Biodesigned* (2021), *Interspecies*. <https://www.biodesigned.org/joyce-hwang/my-neighbor-the-bat>.

Whitelaw, Mitchell; Hwang, Joyce; and LeRoux, Darren. "Design Collaboration and Exaptation in a Habitat Restoration Project." *She-Ji: The Journal of Design, Economics, Innovation*, vol. 7, issue 2 (2021), *Design Knowledge in the Era of Environmental Collapse*: 223-241.

Hwang, Joyce and Feliz, Nerea. "Hidden in Plain Sight." *Ground Up Journal*, issue 9 (2020), *Onward*: 114-119. The Landscape Architecture and Environmental Planning Journal of UC Berkeley.

Hwang, Joyce. "Pest Architecture." *World Architecture Magazine*, issue 201807 (2018), *Architecture for Animals in Urban Environment*: 23-30.

Hwang, Joyce. "Toward an Architecture for Urban Wildlife Advocacy." *Biophilic Cities Journal*, issue 2 (2017): 24-31.

Hwang, Joyce. "Reconsidering Architecture in the Age of the Anthropocene." *Project Journal*, issue 6 (2017): 14-21.

Hwang, Joyce. "Dispersed Practice." *SUB_TEXXT*, ArchiteXX (2017). <http://architexx.org/dispersed-practice/#.WhtCtFWnGpo>.

Hwang, Joyce. "Living on the Edge: Urban Animals at the Margins of Buildings." *Forty-Five Journal* (2016). Review by Stuart McLean. <http://forty-five.com/papers/143>.

Hwang, Joyce. "Living Among Pests." *Volume*, issue 35 (2013), *Everything Under Control*: 60-63.

Hwang, Joyce. "Vertical Farming in Las Vegas? Beyond Pragmatism, Toward Desire." *Bracket*, issue 1 (2010), *On Farming*: 180-186.



2.3 Publications

Publications about nominee and her work

Professor Hwang's research and practice work have been published extensively in books, magazines, journals, news media, and other online sources. She has been featured by the **Museum of Modern Art (MoMA) Magazine** and **Architect Magazine**, and her work has appeared in a wide variety of media ranging from trade journals such as **The Architects Newspaper** and **Architectural Review**, to popular media such as **The Guardian** and **Forbes**. Hwang is frequently interviewed as an expert voice in ecological design. She has been cited or quoted over 125 times by scholars, design researchers, and journalists, including in news media such as **The Washington Post**.

A selection of publications about Hwang's work is listed on this and the next page. Note that publications and recognition of her students' work are included in Section 3: Exhibits.

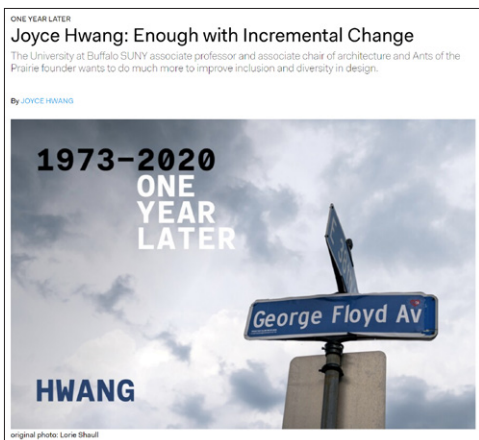


Interviews

Hwang, Joyce. "Designing for Animals." 2022. Interview by Ralph Ghoche, published in *Les Cahiers de la recherche architecturale, urbaine et paysagère*, Issue 14: *Architectural Perspectives On The Animal / L'architecture à l'épreuve de l'animal*.

Hwang, Joyce. "Enough with Incremental Change." Interview by Wanda Lau, published in *Architect Magazine*, for "One year later." May 2021. https://www.architectmagazine.com/practice/joyce-hwang-enough-with-incremental-change_o_

Hwang, Joyce. "Interview with Joyce Hwang." Interview by Ned Dodington, published in *The Expanded Environment*. June 2014. <http://www.expandedenvironment.org/interview-joyce-hwang/>.



Publications about my research and practice

Tan, Dewi. "Designing for Other Species." *MoMA Magazine*, June 2022. <https://www.moma.org/magazine/articles/748>.

Petriczko, Ada. "Joyce Hwang: Projektuje miasto dla nietoperza." *Pismo Magazyn*, August 2019. <https://magazynpismo.pl/joyce-hwang-projektuje-miasto-dla-nietoperz-architektura-posthumanizm/#>.

"Creative MVP 2016: Joyce Hwang." *Pregame Magazine*, September 2016. <http://www.pregamemagazine.com/creative-mvp-2016-joyce-hwang/>.

Hoyt, Alex. "Into the Wild" (Next Progressives). *Architect Magazine*, April 2014. http://www.architectmagazine.com/architects/ants-of-the-prairie-into-the-wild_o.aspx

Books featuring my projects:

Dobraszczyk, Paul. *Animal Architecture: Beasts, Buildings and Us*. Chicago: Reaktion, University of Chicago Press, 2023.

Harriss, Harriet and House, Naomi. *Working at the Intersection: Architecture After the Anthropocene*. London, UK: RIBA, 2022.

Choma, Joseph. *The Philosophy of Dumbness*. San Francisco: Oro Editions, 2020.

Armstrong, Rachel. *Experimental Architecture*. London, UK: Routledge 2019.

Wainwright, Tom. *Pet-ecture: Design for Animals*. London, UK: Phaidon Press, 2018.

Tatarella, Francesca, ed. *Natural Architecture Now*. New York, NY and Milan, Italy: Princeton Architectural Press and 22Publishing, 2014.

Edwards, Brian. *Rough Guide to Sustainability – A Design Primer*, 4th Edition. Newcastle Upon Tyne, UK: RIBA, 2014.

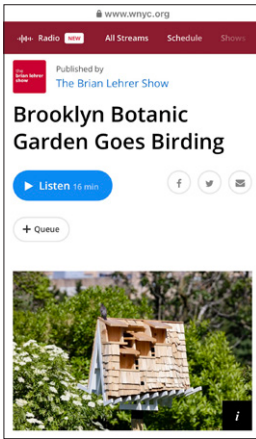
Moskow, Keith and Linn, Robert. *Contemporary Follies*. New York, NY: Monacelli Press, 2012.

Klanten, Robert; Ehmann, Sven; and Bolhofer, Kitty. *My Green City: Back to Nature with Attitude and Style*. Berlin, Germany: Gestalten Books, 2011.



2.3 Publications

Publications about nominee and her work



Projects and Practice featured/cited in:

2023: Aeon, The Architects Newspaper.

2022: Architects Newspaper, The Guardian, Le Journal Du Design (France), Elle Décor, The Brian Lehrer Show WNYC, Places Journal.

2021: Architect's Newspaper, Architectural Record, The Republic, SCI-Arc Channel, Archinect, Forbes, Arch Daily, Wallpaper, World-Architects, Architect Magazine ^{AIA}, Indiana Business Journal, World Architecture, Outside/In Podcast New Hampshire Public Radio.

2020: Perspecta 53 (Yale), ACSA 108 Proceedings.

2019: Interiority Journal, Metalocus (Spain), The Canberra Times (Australia), Garland Magazine (Australia).

2018: Sculpture Magazine, World Architecture Magazine (China), Architectural Review (UK), Financial Times, KCET Los Angeles (in partnership with Laboratory for Environmental Narrative Strategies at UCLA), Dimensions of Citizenship (U.S. Pavilion at 2018 Venice Architecture Biennale Website), CityLab, Oxford Research Encyclopedia of Environmental Science.

2017: Architect's Newspaper.

2016: Architect Magazine ^{AIA}, Architektura od Wnetrza (Poland), The Expanded Environment, Artists in Context: Artists Prospectus for the Nation, Anthropocene Magazine.

2015: The Dirt (ASLA Magazine), Uncube Magazine.

2014: Architect Magazine ^{AIA}, Arquitectura Viva-AV Proyectos (Spain), Odyssey Magazine, Awesome Without Borders, Inhabitat, Arch Daily, World Journal (China), Architect's Newspaper, Metalocus Magazine/Revista (Spain), Arquine, Archinect, The Nature of Cities, The Boston Globe, The Dirt (ASLA Magazine), Hyperallergic, Expanded Environment, Las Vegas Sun.

2013: Architect's Newspaper, Biohabitats.

2012: Architect Magazine ^{AIA}, Bright.nl (Netherlands), Metropolis Magazine, E-Architect, Archinect, Expanded Environment, Treehugger, Designboom, Azure Magazine, The Scientist, Designnet 8 (Korea), The Pop-Up City, Encyclopedia Britannica (Advocacy for Animals), Gwarlingo.

2011: Praxis Journal of Writing and Building, Green Building and Design Magazine, Azure Magazine (Canada).

2010: The Pop-Up City, The Dirt (ASLA Magazine), Azure Magazine (Canada), Treehugger, GreenDiary, Inhabitat, Good, The Chronicle of Higher Education, Futurity, The Fox is Black, E-Architect, Democrat and Chronicle.

Book Reviews

Gray, Christina. "Book Review: Beyond Patronage: Reconsidering Models of Practice." Review of *Beyond Patronage*, by Joyce Hwang, Martha Bohm, and Gabrielle Printz, March 2017.

Hill, John. "Book Briefs #25: Six Actar Books." Review of *Beyond Patronage*, by Joyce Hwang, Martha Bohm, and Gabrielle Printz, April 2016.



3.0 Exhibits

Ecological Practices: Advancing Multispecies Design

01. Pest Architecture: Habitecture and Urban Wildlife Advocacy

02. Generative Zoning: Toward Urban Habitat Defragmentation

03. Collaborative Practice: with Organizations supporting the Environment through the Arts

04. Collaborative Practice: with Multidisciplinary and Multi-Institutional Partnerships

Ecological Practices: Advancing Multispecies Design

+ Teaching, Mentoring, and Advising

05. Collaborative Practice: with University Engagements

Ecological Practices: Teaching, Mentoring and Advising

06. Ecological Practices Research Group, Department of Architecture, University at Buffalo SUNY

Leadership in the Academy

07. UB Department of Architecture, Leadership

08. ACSA and JAE

Advocacy for Equity and Empowerment

09. Advocacy at the University at Buffalo

10. Advocacy Beyond the University

01. Pest Architecture: Habitecture and Urban Wildlife Advocacy



Professor Hwang's self-initiated research and design projects – initially grouped under the title of “Pest Architecture” – are a series of installations that **provide habitat conditions for urban wildlife**, while aiming to **bring awareness to the ecological importance of nonhuman species**, particularly those that humans often conceive of as “pests.”

Hwang's design research in “habitecture” – that is, structures designed for animal habitats -- began with a series of speculative studies titled “Pest Wall,” developed in conversation with ecologists. After receiving a **NYSCA Independent Projects grant** in 2009, Hwang developed **Bat Tower** as her first built habitat installation in 2010, a project that drew attention not only within the architecture community, but also from biologists, ecologists, and landscape architects. The project was **published widely in design journals** such as **Azure Magazine** and **The Dirt (ASLA's online magazine)**, academic publications such as **The Chronicle of Higher Education**, as well as popular culture blogs such as **Treehugger** and **Good**. The Pop Up City -- an agency for urban transformation based in Amsterdam that works with governments, non-profits, and businesses to “create places that are liveable, authentic and sustainable” -- named “Design for Animals” in a new year's forecast as **one of “Top 10 Trends for 2012”**, and cited the **Bat Tower as an example of emerging architecture that “(extends) to totally new fields.”**

Hwang's subsequent habitecture project, **Bat Cloud** – developed later in 2012 – also garnered significant attention and has been included in a number of **national and international exhibitions** including the **Venice Architecture Biennale** in 2012 and the **Rotterdam Architecture Biennial** in 2014, which commissioned her to create a second iteration of Bat Cloud for in Rotterdam.

Another installation project, **Habitat Wall**, was initiated through her research and developed during a residency fellowship at **MacDowell** in 2011. Later, the project was featured in an exhibition at the **School of the Art Institute in Chicago** titled “Outside Design,” where Hwang's practice, **Ants of the Prairie**, was invited as one of five design practices that exemplify the “recent turn to biology and ecological systems,... (allowing) for designers and artists to **innovate and move beyond disciplinary boundaries**,” according to Jonathan Solomon, exhibition curator and previous director of architecture, interior architecture, and designed objects at SAIC. In furthering her advocacy for urban wildlife in the built environment, Hwang developed a window design for the SAIC exhibition titled **No Crash Zone**, a prototype of a glass window that incorporates visual interference patterns to **prevent bird-glass collisions**.

Hwang's initiatives in developing and building architectural habitat structures have garnered many awards, exhibitions, and publication features, and have led to the discipline's increasing attention to nonhuman species in architectural design and discourse.

“Joyce Hwang is one of the very few architects and educators in the field who has been consistently advocating for a multi-species architecture. Her work helps us recognize that our lived environments are always shared ecologies.”

Carson Chan, Director of the Emilio Ambasz Institute for the Joint Study of the Built and Natural Environment, The Museum of Modern Art (MoMA)



Ecological Practices: Advancing Multispecies Design
01. Pest Architecture: Habitecture and Urban Wildlife Advocacy



Role: Project initiator, principal designer, principal investigator.

Related Awards, Fellowships, Grants:

2014 Architectural League Emerging Voices Award.
2014 Awesome Without Borders Grant.
2013 New York Foundation for the Arts (NYFA) Fellowship, Category: Architecture/Environmental Structures/Design.
2012 Urban Animal: The 2012 Animal Architecture Awards, First Place.
2013 Simpson Visiting Critic, Edinburgh School of Architecture and Landscape Architecture.
2011, 2016 MacDowell Fellowship.
2008 New York State Council on the Arts (NYSCA), Independent Project Grants.

Related Exhibitions featuring Hwang's work:

2022 Museum of Modern Art (MoMA), Emilio Ambasz Institute for the Joint Study of the Built and Natural Environment, "Built Ecologies: Architecture and Environment" video series: New York, NY.
2015 School of the Art Institute of Chicago, "Outside Design," Sullivan Galleries: Chicago, IL.
2014 International Architecture Biennale Rotterdam (IABR), "Urban by Nature," Kunstal: Rotterdam, Netherlands.
2012 Venice International Architecture Biennale, U.S. Pavilion presentation "Spontaneous Interventions: Design Actions for the Common Good": Venice, Italy.

Related Presentations:

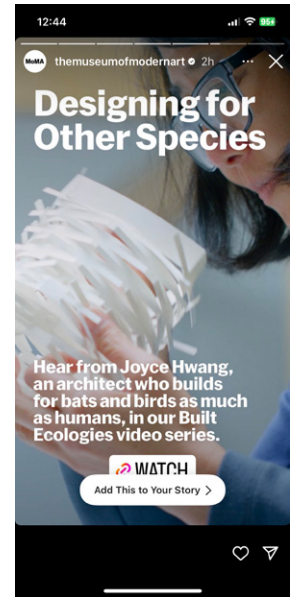
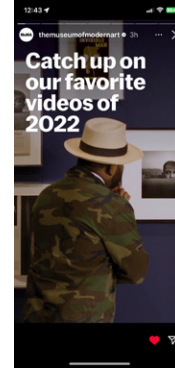
Hwang's habitecture work and early research initiatives are featured in nearly every presentation. To date, she has delivered **over 35 lectures as the keynote or sole speaker**, and **over 35 presentations as part of an invited panel**. The following are a selection of presentations that more specifically relate to this Exhibit.

2023 ACADIA, "Habits of the Anthropocene," Denver, CO (forthcoming) – keynote speaker.
2023 University of Oregon, HOPES (Holistic Options for Planet Earth Sustainability), "Beyond Us," Eugene, OR – keynote speaker.
2022 ACSA/AIA Intersections Conference, "Expanded Futures" Plenary Session (online) – panel speaker. 
2017 Carnegie Mellon, Center for Sustainable Landscapes – "Of More-than-Humans Spaces": Pittsburgh, PA – panel speaker.
2015 University of Toronto and York University, "Reinventing the Urban" Conference Keynote: Toronto, Canada – keynote speaker.
2013 ACSA National Conference, "New Constellations, New Ecologies": San Francisco, CA – panel speaker.

Selected Related Publications by Hwang, Solicited by Others:

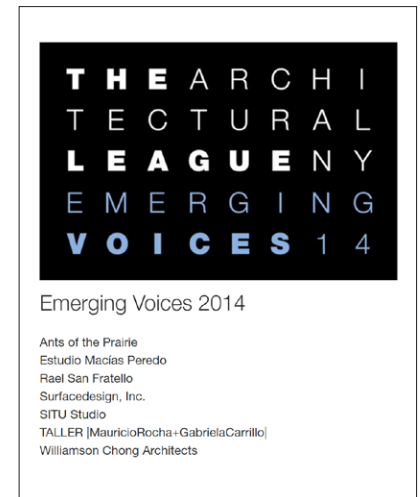
Hwang, Joyce. "My Neighbor, the Bat." *Biodesigned* (2021), *Interspecies*. <https://www.biodesigned.org/joyce-hwang/my-neighbor-the-bat>.
Hwang, Joyce. "Pest Architecture." *World Architecture Magazine*, issue 201807 (2018), *Architecture for Animals in Urban Environment*: 23-30.
Hwang, Joyce. "Toward an Architecture for Urban Wildlife Advocacy." *Biophilic Cities Journal*, issue 2 (2017): 24-31.
Hwang, Joyce. "Reconsidering Architecture in the Age of the Anthropocene." *Project Journal*, issue 6 (2017): 14-21.
Hwang, Joyce. "Living on the Edge: Urban Animals at the Margins of Buildings." *Forty-Five Journal* (2016). Review by Stuart McLean. <http://forty-five.com/papers/143>
Hwang, Joyce. "Living Among Pests." *Volume*, issue 35 (2013), *Everything Under Control*: 60-63.

Ecological Practices: Advancing Multispecies Design
01. Pest Architecture: Habitecture and Urban Wildlife Advocacy



Related Publications about Hwang’s work, by Others:

- Tan, Dewi. “Designing for Other Species.” *MoMA Magazine*, June 2022.
- Petriczko, Ada. “Joyce Hwang: Projektuje miasto dla nietoperza.” *Pismo Magazyn*, August 2019.
- Hoyt, Alex. “Into the Wild” (Next Progressives). *Architect Magazine*, April 2014. **AIA**
- Dobraszczyk, Paul. *Animal Architecture: Beasts, Buildings and Us*. Chicago: Reaktion, University of Chicago Press, 2023.
- Wainwright, Tom. *Pet-tecture: Design for Animals*. London, UK: Phaidon Press, 2018.
- Van Houten, Whitney. Interview with Joyce Hwang, for AIA New York State, Emerging Professionals / New Future Practice and Community Taskforce. **AIA**
- Tatarella, Francesca, ed. *Natural Architecture Now*. New York, NY and Milan, Italy: Princeton Architectural Press and 22Publishing, 2014.
- Edwards, Brian. *Rough Guide to Sustainability – A Design Primer*, 4th Edition. Newcastle Upon Tyne, UK: RIBA, 2014.
- Arquitectura Viva-AV Proyectos 62* (Spain) 2014,
- Moskow, Keith and Linn, Robert. *Contemporary Follies*. New York, NY: Monacelli Press, 2012.
- Klanten, Robert; Ehmann, Sven; and Bolhofer, Kitty. *My Green City: Back to Nature with Attitude and Style*. Berlin, Germany: Gestalten Books, 2011.
- Verona, Irina. *Praxis Journal of Writing and Building*, Issue 13, *Eco-Logics*, 2011.
- Green Building and Design Magazine* 2011.
- Azure Magazine*, Vol 26, no. 203 2011.
- Architect Magazine* (2023, 2021, 2016, 2014, 2012). **AIA**

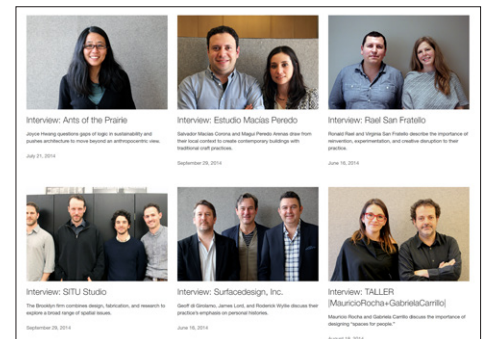


Other magazines and online media sources that have cited Hwang’s work as a thought-leader at the intersection of nonhuman habitats and architecture include the following:

The Architectural Review, Metropolis Magazine, The Architect’s Newspaper, Arch Daily, Designboom, Inhabitat, Bloomberg City Lab, Good, Treehugger, Hyperallergic, Anthropocene Magazine, The Chronicle of Higher Education, The Washington Post, The Boston Globe, and The Financial Times, among others.

Related Service:

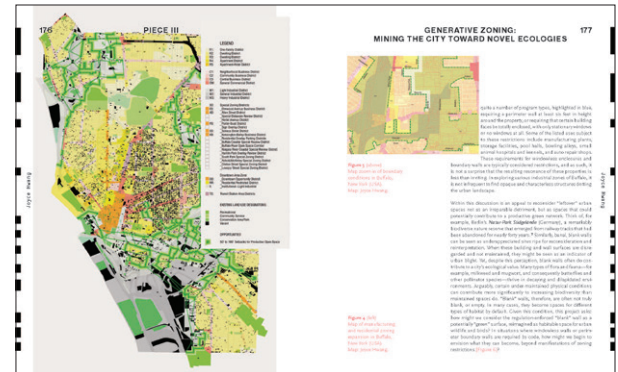
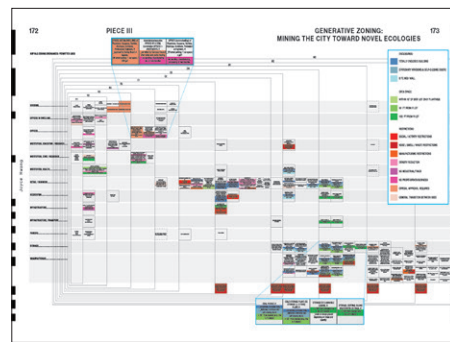
- 2023 Design Educates Awards – jury member.
- 2019 Architectural League Emerging Voices Awards – round 1 jury member.
- 2016 Steedman Fellowship in Architecture – jury member.
- 2015 AIA Small Projects Awards – jury member. **AIA**
- 2014 AIA Buffalo: Animal House Competition – jury member. **AIA**



Declaration of Responsibility: I have personal knowledge of the nominee’s responsibility for the body of work listed in this exhibit.
 Beth Tauke, Associate Professor, University at Buffalo, Department of Architecture
 Nominee’s tenure-track faculty mentor, 2006-2012

Ecological Practices: Advancing Multispecies Design

02. Generative Zoning: Toward Urban Habitat Defragmentation



Professor Hwang's **research in urban habitats** served as the springboard for an exploratory research project that focused on zoning ordinances and strategized on ways that urban citizens can **consider regulatory development restrictions as potential opportunities to mitigate habitat fragmentation and promote green infrastructure**. Habitat loss in urbanized areas is often caused by habitat fragmentation, a process when broader swaths of habitat are truncated into smaller, discontinuous patches by human-made interventions. The Generative Zoning research project focused on mining Buffalo's (now outdated) zoning code to **better understand the potential for properties to contribute to habitat connectivity and biodiversity enhancement**. Initially supported through a grant from UB's **Baldy Center for Law and Social Policy**, Hwang developed **Generative Zoning** as an investigative research project. Through a close-reading of the zoning code, and processes of documentation and mapping, she identified a series of **sites that could be feasibly transformed to contribute to habitat defragmentation**.

She has implemented the lessons and working methods from this project in her studio teaching and representation courses, particularly in her "Visualizing Ecologies" seminars that have been part of UB's Ecological Practices Research Group. She has also further developed the research as a **book chapter** for an invited contribution to **Waste Matters: Adaptive Reuse for Productive Landscapes**, a book edited by Associate Professor Nikole Bouchard of UW Milwaukee, and published by Routledge. **Generative Rezoning was also discussed extensively in Curbed**, included in an essay by Julia Cooke which featured her research and practice. **Recognized as a thought-leader in integrating nonhuman habitats in the built environment**, Hwang has been invited to participate in discussions with academics, practitioners, and policy makers. Most recently in 2023, she was invited by the **Guarini Center on Environmental, Energy, & Land Use Law, at the NYU School of Law**, to participate in a workshop, "**Co-Beneficial Adaptations: A Workshop on How Cities Can Integrate Wildlife into Local Climate Policy**."

Hwang's leadership in research on urban habitats is impacting conversations on ecological design, both within and beyond the discipline of architecture. Her work has influenced both academic discourse as well as discussions on public policy.

Role: Project initiator, principal designer, principal investigator.

Related Awards, Fellowships, Grants:

Urban Edge Award – University of Wisconsin, Milwaukee 2017.
Baldy Center for Law and Social Policy Research Grant 2010.

Related Publications:

Hwang, Joyce. "Generative Zoning: Mining the City for Novel Urban Habitats." In *WASTE MATTERS: Adaptive Reuse for Productive Landscapes*, edited by Nikole Bouchard. 168-179. London, UK: Routledge, 2021.
Cooke, Julia. "Making Architecture Better for Animals." *Curbed*, 2016, <https://archive.curbed.com/2016/5/10/11640046/making-architecture-better-for-animals>.
Architectural League of New York. "Interview: Ants of the Prairie," 2014. <https://archleague.org/article/ants-of-the-prairie/>.
Kello, Robin. "Designing a City that Makes Room for Nature," KCET, 2018, <https://www.kcet.org/shows/earth-focus/designing-a-city-that-makes-room-for-nature>.

Related Presentations:

2023 NYU School of Law, Guarini Center on Environmental, Energy, and Land Use Law – workshop participant.

Declaration of Responsibility: I have personal knowledge of the nominee's responsibility for the body of work listed in this exhibit.
Nikole Bouchard, Associate Professor, University of Wisconsin, Milwaukee
Editor and Author of *Waste Matters: Adaptive Reuse for Productive Landscapes*

03. Collaborative Practice: with Organizations supporting the Environment through the Arts



Professor Hwang's research-driven design practice has expanded to include collaborations with various organizations that work to **support the environment through the arts**. In these cases, she is commissioned by the organizations to **serve as a thought-leader** in a larger project centering on issues such as **environmental advocacy**, as well as explore design prompts as a **pioneer in multispecies environments**. For example, her collaborative engagements with **City as Living Laboratory (CaLL)** – a arts-centered nonprofit founded by **renowned land artist Mary Miss** – have included **commissioned “Walks” and site-specific discussions** in New York City, around topics such as **bird-safe buildings** and **urban heat mapping**. CaLL – in partnership with **Artpark Western New York** – also commissioned Hwang to collaborate with visual artist Ellen Driscoll to conceive and build an ecologically-focused project that would be sited at Artpark, a process that resulted in the development of **Bower**, a **landscape installation that provides bird nesting boxes while drawing attention to the perils of bird-window strikes** through a series of custom-designed glass windows that feature local flora and fauna. In another effort toward bird advocacy, Hwang was one of 39 designers invited to create birdhouses for an exhibition – **“For the Birds”** – at the **Brooklyn Botanic Garden** in New York City, as part of a broader initiative by music producer Randall Poster to celebrate birds, raise awareness of the crises they face, and to **support bird conservation through the production of art and music**.

As a further example, Hwang was invited by elii (an office of architecture in Madrid) in partnership with **Matadero Madrid** (a significant institution for arts and culture) as one of five design practices to collaborate in a larger experimental project titled **“Cyborg Garden: Mutant Institute of Environmental Narratives.”** The curatorial aim was to **explore the co-existence between humans and non-humans through design proposals that could test nature-based solutions**, specifically to address urban heat island effects in Matadero's outdoor public spaces. This effort included leading a process-driven workshop with local students, as well as developing a design proposal and creating pieces for an immersive exhibition at Matadero. For this project, Hwang worked in partnership with architect Nerea Feliz – under the name of **Double Happiness** – to develop **Hidden in Plain Sight**, a proposal for a series of urban furnishings and pavilions that would also serve as insect habitats and pollinator garden beds. In 2023, Double Happiness was commissioned by the **Bentway Conservancy in Toronto** to create an installation for **“Beyond Concrete,”** an event and project series that aims to **highlight the overlooked urban ecosystems around the Gardiner expressway**. Their project, **Multispecies Lounge**, is a field of public seating and spaces of recreation for humans, among an aggregation of structures designed for urban animals, including habitats for local birds, insects, and reptiles. **The installation was cited by the City of Toronto as an exemplary case study to consider in the development of new parks, presented in a recent community engagement session, “New Parks at 10 Ordnance St. & 301 Wellington St. W.: Community Advisory Committee Meeting #3.”**

Hwang's design leadership in her collaborations with arts organizations is increasing broader public attention to biodiversity enhancement initiatives in the built environment.



Ecological Practices: Advancing Multispecies Design
03. Collaborative Practice: with Organizations supporting the Environment through the Arts



Role: Project designer/architect, Collaborative partner.



Related Exhibitions, Fellowships, and Grants

- 2023 The Bentway, “Beyond Concrete”: Toronto, Canada.
- 2022 Museum of Modern Art (MoMA), Emilio Ambasz Institute for the Joint Study of the Built and Natural Environment, “Built Ecologies: Architecture and Environment” video series: New York, NY.
- 2022 Brooklyn Botanic Garden, “For the Birds”: New York, NY.
- 2019 Matadero Madrid, “Ecovisionaries” / “Cyborg Garden”: Madrid, Spain.
- 2016 Artpark: Lewiston, NY.



Related Presentations:

- 2023 The Kampong, Symbiotic House Lecture Series: Miami, FL – sole lecturer.
- 2022 ACSA/AIA Intersections Conference, “Expanded Futures” Plenary Session – panel speaker.
- 2022 Canadian Centre for Architecture (CCA), “Curatorial Design”: Montreal, Quebec, Canada – panel speaker.
- 2022 University of Oregon, Overlook Field School, Fuller Initiative for Productive Landscapes, “Transpecies Symposium”: Waverly, PA – panel speaker.
- 2021 City as Living Laboratory, New York, NY – panel speaker.
- 2018 City as Living Laboratory, New York, NY – featured co-presenter for CaLL “Walk.”
- 2017 Carnegie Mellon, Center for Sustainable Landscapes – “Of More-than-Humans Spaces”: Pittsburgh, PA – panel speaker.
- 2016 City as Living Laboratory, New York, NY – featured co-presenter for CaLL “Walk.”



Related Publications:

- Journals, magazines, and online media which have cited Hwang’s work related to this Exhibit include the following:
- 2022 - *Architects Newspaper*, *The Guardian*, *Le Journal Du Design* (France), *Elle Décor*, The Brian Lehrer Show WNYC.
 - 2019 - *Interiority*, vol 3, no. 1., Metalocus (Spain).
 - 2018 - *Sculpture Magazine*.
 - 2014 - *Inhabitat*.



Related Service:

- 2022 Squeaky Wheel Artist Residency – selection panelist.
- 2022 New York Foundation for the Arts (NYFA) / NYSCA Artist Fellowship (Category: Architecture and Environmental Structures) – selection panelist.
- 2015 – 2017 NYSCA Independent Artist Grants in Architecture – selection panelist, panel chair in 2016 and 2017.



Declaration of Responsibility: I have personal knowledge of the nominee’s responsibility for the body of work listed in this exhibit.
 Olivia Georgia, Executive Director of City as Living Laboratory (CaLL),
 Nerea Feliz, Associate Professor, The University of Texas at Austin, Nominee’s collaborative partner as Double Happiness

04. Collaborative Practice: with Multidisciplinary and Multi-Institutional Partnerships



Professor Hwang’s research-driven design practice has also **engaged collaborations with multiple disciplines, institutions, and organizations, including government agencies, industries, as well as other institutions of higher education.** Her work has attracted the attention of scholars and researchers in various fields—including the disciplines of biology, ecology, data visualization design, and computer science – and has **demonstrated the value of design-oriented thinking and architectural production and problem-solving as an important part of broader research agendas around global issues of climate change and biodiversity loss.** In these multi-pronged collaborations, Hwang’s roles have been to support the overarching project goals by synthesizing multiple conditions (site conditions, materials and other resources, environmental factors, etc…) and work through architectural design processes, not only to create functional habitats and habitecture, but also to explore ways for built structures to serve as tools or instruments in science-driven research inquiries.

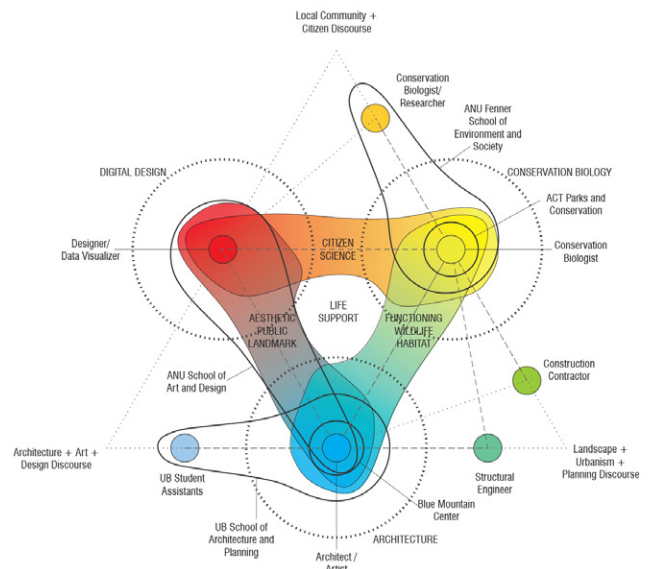
A project that demonstrates such an engagement is one that is based in Canberra, Australia that emerged from a collaboration between Hwang and two other researchers: Mitchell Whitelaw, a data visualization design faculty at the **Australian National University**, and Darren LeRoux, an ecologist working for the **Australian Capital Territory’s Department of Parks and Conservation.** The installation project, titled **Life Support**, is a constructed vertical habitat created by repurposing a 400-year old tree that was removed from a residential neighborhood, and sited in an ecological offset zone that is undergoing landscape and habitat regeneration processes. Initiated with collaborative discussions in 2017 and completed in 2019, the project is rooted in LeRoux’s research on the high biodiversity value of large old trees, as well as Whitelaw’s research in visualizing ecological conditions through data collection and mapping. The development of this project has resulted in a **peer-reviewed collaborative paper, “Design Collaboration and Exaptation in a Habitat Restoration Project,”** published in **She-Ji Journal.** Life support has also been featured in various art exhibitions and lectures.

More recently in 2022, Hwang was **invited by researchers at X- the Moonshot Factory**, also known as **Google X**, to join a team of computer science engineers, ecologists, and architects to develop design ideas to support monitoring urban biodiversity conditions through technology.

Hwang’s design leadership in her interdisciplinary and inter-institutional collaborations have furthered the value of design-thinking in global research agendas to combat climate change and biodiversity loss.



Above: Wildlife documentation at Life Support
 Right: Life Support Collaboration Diagram by Hwang



Ecological Practices: Advancing Multispecies Design
04. Collaborative Practice: with Multidisciplinary and Multi-Institutional Partnerships



Role: Project designer/architect, Collaborative partner.

Related Exhibitions, Fellowships, and Grants:

2021 “Contact Call” Exhibition, Schoolhouse Gallery: Rosny Park, Tasmania, Australia.
 2019 “I Thought I Heard a Bird” Exhibition, Craft ACT: Craft and Design Centre: Canberra, Australia.
 2017 International Craft and Design Residency, Australian National University, School of Art and Design.
 2017 Blue Mountain Center Residency, Blue Mountain Lake, NY.

Related Presentations:

2022 Buffalo Museum of Science: Buffalo, NY – speaker.
 2019 Australian National University (ANU): Canberra, Australia – keynote speaker.
 2017 Australian National University (ANU): Canberra, Australia – sole lecturer.
 2016 Fenner School of Environment and Society, Australian National University, Untaming the Urban: From Post-Anthropocentric Design to Urban Ecologies: Canberra, Australia – speaker.

Related Publications:

Whitelaw, Mitchell; Hwang, Joyce; and LeRoux, Darren. “Design Collaboration and Exaptation in a Habitat Restoration Project.” *She-Ji: The Journal of Design, Economics, Innovation*, vol. 7, issue 2 (2021), *Design Knowledge in the Era of Environmental Collapse*: 223-241.
 O’Mallon, Finbar. “Barrer Hill: From dead trees, come new life,” *The Canberra Times*, 2019. <https://www.canberratimes.com.au/story/6225977/saving-the-molonglo-from-dead-trees-comes-new-life/>
 Cousins, Kerry-Anne. “I thought I heard a bird and Cupped Hands at Craft ACT,” *The Canberra Times*, 2019.
 Mackay-Sim, Isabelle. “Canberra’s birds in hand,” *Garland Magazine*, 2019.



“In this collaboration Joyce led us to think about artificial habitat structures as both ecological and cultural: as well as providing functional habitat, Life Support celebrates the lifeways of other species and engages in public space. The impact of this thinking is evident in subsequent projects such as Namarag, a new public park along the Molonglo River from the Barrer Hill site. Led by our collaborator Dr Darren LeRoux, Namarag makes extensive use of artificial habitat features combined with public art, play structures and landscape design, combining multi-species design with placemaking and First Nations culture.”

Mitchell Whitelaw, Professor and Head of School, ANU School of Art and Design

Declaration of Responsibility: I have personal knowledge of the nominee’s responsibility for the body of work listed in this exhibit. Mitchell Whitelaw, Professor and Head of School, Australian National University School of Art and Design
 Nominee’s collaborator in Life Support project, and article co-author

05. Collaborative Practice: with University Engagements



Professor Hwang's research-driven design practice also engages in **collaborations with universities and schools of architecture**. In these contexts, her roles are multifaceted, and **reflect both design and educational missions**. After initially conceiving and developing design ideas based on her research in advancing multispecies design and biodiversity enhancement, she coordinates workshops with student groups to raise interest in the topics, and discuss and develop concepts. Design-build processes in these instances involve collaboration with hired student assistants and university staff, along with personnel supported by Hwang's practice, Ants of the Prairie. Efforts toward fundraising, material donation, and volunteer engagement are also a crucial part of these projects.

As a primary example of this type of collaboration, **To Middle Species, With Love**, was created as part of her **appointment by Exhibit Columbus as a University Design Research Fellow in 2020-21**, "awarded to leading professors of architecture, landscape architecture and design from American universities," "selected for their ability to tackle specific sets of issues germane to the future of the city and the Mississippi Watershed region, such as sustainability and material reuse, non-human habitat, watershed ecologies, emergent technologies, and migration." The process of creating this installation engaged the **University at Buffalo** in a number of ways: through collaborative workshops with student groups - **AIAS, NOMAS, and AASAP** (African American Students of Architecture and Planning); as the springboard for a **graduate design studio** conducting research on the ecologies of Columbus, Indiana; by **hiring student and alumni research assistants**; and by working with staff in the School's **Materials and Methods Fabrication Lab**. Beyond the university, Hwang worked with the **Indiana Department of Natural Resources**, who provided equipment for bat monitoring as well as project advisement. The installation process also engaged a variety of Columbus-based volunteer groups, such as the **Columbus North High School's Environmental Club**. Further collaborations also included work with **two musicians who created soundtracks by sampling bat recordings**.

In another example, Hwang was awarded the "**Piaule Multispecies Habitats Fellowship**" by the **School of Architecture at Pratt Institute**, for which she was commissioned to design and coordinate the construction of a habitecture installation for the **Piaule Landscape Hotel**, in Catskill, NY, in collaboration with a class of **first-year landscape architecture students** at Pratt. In this process, she designed and built the base structural components of the project, and created a template for students to fabricate birdhouses, insect boxes, and bat houses as modular attachments. Working together on site, Hwang and the MLA students installed the various components of the project – a process that fostered sensibilities toward shared decision-making, facilitating work distribution, and craftsmanship.

The impact of Hwang's design leadership in collaborations with universities is increasing student and community engagement in multispecies design initiatives and environmental advocacy.



Ecological Practices: Advancing Multispecies Design + Teaching, Mentoring, and Advising
05. Collaborative Practice: with University Engagements



Role: Project designer/architect, Collaborative partner, Faculty facilitator.

Related Exhibitions, Fellowships, and Grants:

2022 Pratt School of Architecture, Piaule Multi-Species Habitats Fellowship.
 2020-21 Exhibit Columbus, University Design Research Fellowship.

Related Presentations:

2023 University of Illinois Urbana Champaign, “Climate Fictions” Lecture Series: Urbana, IL – sole lecturer.
 2022 California College of the Arts (CCA): San Francisco, CA – sole lecturer.
 2021 Architectural League of NY First Friday Distance Edition: New York, NY – featured presenter.
 2021 Exhibit Columbus, Ball State University, and Indiana University – “Mapping the Middle: Design Research Colloquium”: Columbus, IN – panel speaker.
 2021 Chicago Architecture Biennial: Chicago, IL – panel speaker.
 2021 Exhibit Columbus Design Presentations – featured speaker.

Related Publications:

Hwang, Joyce. “Incorporating Empathy: To Middle Species with Love, Columbus, Indiana.” In *Empathic Design*, edited by Elgin Cleckly. 123-136. Washington D.C.: Island Press, 2023.
 Hwang, Joyce. “Designing for Animals.” 2022. Interview by Ralph Ghoche, published in *Les Cahiers de la recherche architecturale, urbaine et paysagère*, Issue 14: *Architectural Perspectives On The Animal / L’architecture à l’épreuve de l’animal*.
 Hwang, Joyce. “Environment as Collaborator.” *Log*, no. 54 (2021), *Coauthoring*: 151-154.

Journals, magazines, and online media which have cited Hwang’s work related to this Exhibit include the following:

2021 - Architect Magazine  Architect’s Newspaper, Architectural Record, The Republic, SCI-Arc Channel, Archinect, Forbes, Arch Daily, Wallpaper, World-Architects, Indiana Business Journal, World Architecture, Outside/In Podcast New Hampshire Public Radio.

“Joyce Hwang’s thoroughly researched work provides a clear path to advance multispecies design and makes tangible ways to enhance biodiversity within the built environment. Her collaborative work involving students, scientific organizations, nonprofits, and volunteers sets an example of the importance of designing with a diversity of voices, mentoring the next generation of designers, and bringing science together with design. The consistent rigor of her work over the years has made her a sought-after designer and speaker, becoming the leading voice in multispecies design and in ways of practicing architecture.”

Iker Gil, Executive Director, SOM Foundation, Co-curator of “New Middles” Exhibit Columbus 2020-21



Declaration of Responsibility: I have personal knowledge of the nominee’s responsibility for the body of work listed in this exhibit.
 Mimi Zeiger, Co-curator of “New Middles” Exhibit Columbus 2020-21

Ecological Practices: Teaching, Mentoring and Advising
06. Ecological Practices Research Group,
Department of Architecture, University at Buffalo SUNY



Professor Hwang is a key member of **UB's Ecological Practices Graduate Research Group**, a constellation of faculty in the Department of Architecture that work together to develop **graduate-level courses and research projects** with shared interests in **environmental stewardship, sustainability, resilience, and biodiversity**. Initiated in 2010, **Hwang has played an instrumental role shaping the pedagogies of the group** since its inception and actively collaborates with other faculty aligned with the group. She has taught a number of graduate studios focused on **nonhuman habitats, ecosystem services, circular economies, and ecological advocacy**, including a studio that was developed in tandem with her work for **Exhibit Columbus in 2021** and another studio that worked with **Artpark** to develop proposals for environmental art interventions. Several of her endeavors in teaching and advising have resulted in **innovative design-build projects**. For example, **Elevator B**, a 22 foot tower created to house an existing bee hive, emerged as a built installation from the **Hive City Student Design Competition**, an effort initiated and coordinated by Hwang and two additional faculty members, Martha Bohm and Chris Romano, who also served as project advisors. Designed and built by five graduate students – Courtney Creenan, Kyle Mastalinski, Lisa Stern, Scott Selin, and Daniel Nead – with fabrication assistance from the project's sponsor Rigidized Metals, **the resulting bee hive installation received several design awards, and has been published extensively**. In another project supported by the same sponsor, Hwang—in collaboration with two faculty colleagues, Nicholas Rajkovich and Laura Garofalo – taught in a sequence of three studios that resulted in the construction of the **Trellis at Silo City**, a 60-foot diameter landscape intervention that shapes willow trees into a dynamic, living canopy. **Since opening in 2021, the Trellis has become a destination for cultural activities and outdoor community gatherings in Buffalo.**

Since 2007, Hwang has additionally served as a thesis advisor to many graduate students for projects centered on issues relevant to Ecological Practices. For example, topics have included: resilience in housing following the aftermath of Hurricane Katrina, the role of climate fiction and narratives in environmental activism, multispecies inclusion in the built environment, and circular economies and adaptive reuse. Several of Hwang's thesis students have published their research in journals and presented at national conferences.

Hwang's leadership as an educator in Ecological Practices has shaped pedagogies around environmental stewardship in architecture, and has activated over a decade of students to become leaders in sustainable practices.

Role: Studio faculty instructor, project advisor, faculty facilitator, thesis advisor.

Related Awards for Student Projects:

2013 Azure Magazine International AZ Awards, Winner in category: Best Student Work for Elevator B.

2013 Architizer A+ Awards, Winner in category: Student Design/Build Project for Elevator B.

2012 Buffalo Architecture Foundation, Pro Bono Publico Award in Design Excellence, awarded to students for Elevator B.



Ecological Practices: Teaching, Mentoring and Advising
06. Ecological Practices Research Group,
Department of Architecture, University at Buffalo SUNY



Related Presentations:

2021 AIA/ACSA Intersections Research Conference, “COMMUNITIES” (online). – co-presenter with Nick Rajkovich and Laura Garofalo. 

2013 Andrew Perkins and Matthieu Bain (students), “Dwelling on Waste: Harvesting the Unnatural Resource” at the “Reclaim and Remake Symposium”, Catholic University of America, Washington DC.

Related Publications of Student Projects:

Hwang, Joyce; Rajkovich, Nicholas; Garofalo, Laura. “The Trellis at Silo City: A Case Study for Design-Build in a Post-Industrial Context.” In *Approaching Architecture: Three Fields, One Discipline*, edited by Miguel Guitart. 153-169. London, UK: Routledge, 2022.

2013 Andrew Perkins and Matthieu Bain (students), “Dwelling on Waste” in *PLAT*, Issue 3, *Collective Disruption*, Rice School of Architecture journal.

2013 Andrew Perkins and Matthieu Bain (students), “Rust-Belt Vernacular: Harvesting Unnatural Resources,” in *Scapegoat Journal*, issue: *Currency*.

Journals, magazines, and online media which have cited work by Hwang’s students related to this Exhibit include the following:


2022 Dezeen.

2019 CNN Travel.

2018 World Architecture Magazine.

2014 Architizer.

2013 Architectural Record, Wired, Gizmodo, Dezeen.

2012 Architect Magazine , Fast Company, the Atlantic Cities, Azure Magazine, The Globe and the Mail, The Dirt (ASLA Magazine), Inhabitat, the Expanded Environment.

Related courses:

Spring 2021: “New Natures: New Middles” graduate studio.

Spring 2020: “New Natures” graduate studio.

Fall 2018: “Zoological Cities,” graduate studio at University of Toronto.

Spring 2018 and Spring 2012: “Visualizing Ecologies” seminar.

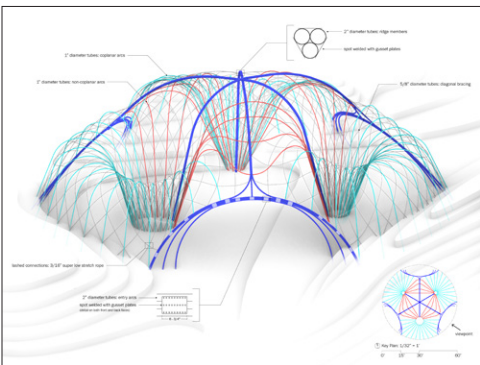
Spring 2017: “Architecture in the Expanded Field” graduate studio.

Fall 2013: “Zoological Cities” graduate studio.

Spring 2013: “The Urban Wilderness” graduate studio.

Fall 2011 and Fall 2012: “Questions of Sustainable Thinking” seminar.

Fall 2010 and Spring 2009: “Ecosystems of Security” seminar.



Declaration of Responsibility: I have personal knowledge of the nominee’s responsibility for the body of work listed in this exhibit.
 Nicholas Rajkovich AIA, Associate Professor, University at Buffalo School of Architecture and Planning
 Ecological Practices Research Group member, Faculty collaborator in Silo City Trellis studios, and article co-author

07. UB Department of Architecture, Leadership



As a faculty member at the **University at Buffalo** since 2005, Professor Hwang has **made an impact in leading the Department of Architecture both as a teacher and administrator**. From 2013 to 2015, she served as the **Director of Professional Studies**, working closely with former Chair, Omar Khan, on administering the B.S. Arch and M. Arch's core curriculum, and co-coordinating the department's NAAB Team Visit in 2015, which resulted in a full eight-year term of continuing accreditation. From 2018- 2021, she served as the department's **Associate Chair**, working in partnership with Department Chair, Korydon Smith, in various endeavors including administering both the undergraduate and graduate programs, working to improve professional development opportunities for students, and initiating the department's Career Advisement Program. Since 2021, Hwang has been serving as the **Director of Graduate Studies in Architecture**, collaborating with other department leaders in steering discussions around curriculum development, and coordinating with the graduate student advisor to administer the Master of Architecture programs.

Beyond these service roles, **Hwang has been a leader in fostering cultures of creativity, design innovation, environmental awareness, and inclusion within the department for both faculty and students**. As an **educator at UB for 18 years**, she has **taught nearly every core design studio** in both the undergraduate and graduate programs. Additionally, she has served as an advisor to many students and student groups, including in her role as the **AIAS Faculty Advisor from 2013 to 2015**, as well as her roles in **working with UB NOMAS and AASAP (African American Students of Architecture and Planning) to organize symposia and other events**. Hwang has been actively involved in **attracting and mentoring new faculty** in the department and university. This includes serving as the Chair of three distinct tenure track search committees, which resulted in six hires between all three searches, and serving as a tenure track mentor for three assistant professors. In her administrative roles, she regularly recruits new adjunct and visiting faculty. Hwang has also worked to **attract emerging educators** through her consistent work in **stewarding the department's Peter Reyner Banham Fellowship**, having served on its search committee for four years and informally mentoring and maintaining ties with many of the Banham Fellows. In 2021, she co-organized a 20-year reunion symposium, "Banham Fellows: 20 Years, 21 Fellows." She has also **shaped design discourses at the school through her leadership in the lecture series committees** in 2012-2013, 2017-2018, and 2020-2021, and serving as the faculty liaison in **coordinating the ArchiteXX lecture series** from 2014 to 2017.

Hwang is also **consistently engaged with UB's alumni**, and has played instrumental roles in **organizing events that connect alumni to students in meaningful ways**. She co-coordinated two multi-day "Career Treks" for students to visit professional offices in New York City, as well as co-organizing two significant public events featuring UB graduates, sponsored by a late student's family through their memorial fund. Over the course of 2 years, the **Sydney Gross Memorial Symposia** invited a total of 15 young alumni who have been making impacts through various career paths to speak about their experience in our public program series.

Hwang's role as an educator and leader at UB have impacted nearly two decades of students and faculty. Her accomplishments and reputation as a leader in the academy have led to numerous invitations by external institutions to review student projects, assess curricula and programs, and peer-review faculty work. She has been invited to deliver presentations on models, strategies, and practices in education and research.

"Professor Hwang has provided two forms of "resilient" leadership in the Department of Architecture at UB since 2018 – serving tenaciously as director of the M.Arch program during the challenging pandemic years and delivering impactful graduate courses on ecologically responsive design. She is a multi-dimensional scholar – delivering new forms of architectural practice, innovative approaches to architectural education, and novel techniques for involving the public in environmental stewardship and design."

Korydon Smith, Chair and Professor, UB Department of Architecture

Leadership in the Academy
07. UB Department of Architecture, Leadership



Role: Faculty, Director of Graduate Studies, Associate Chair, Director of Professional Studies, Mentor, Advisor.

50+ Sydney Gross Alumni Symposium
 Hayes Hall School of Architecture and Planning
 April 6, 2022 | 1PM - 5PM | Hayes Hall 403
 A signature program of our 50+ Anniversary Celebration, the Sydney Gross Alumni Symposium convenes young alumni leading practice innovation across the fields of architecture and urban planning. Join us in celebrating the boundless possibility drive of our graduates.

B/a+p

Related Presentations:

2021 UB Graduate School, Inclusive Graduate Education Meeting: “Sharing of Best Practices and Challenges” – invited to speak in a university-wide discussion.
 2014 AIA New York State Conference Panel: “New York Schools of Architecture Roundtable,” Saratoga Springs, NY – invited to speak as representative of UB SUNY. **AIA**
 2014 AIA New York State Conference Panel: “Cross Profession Practices: Mixing-up the Academy with Industry,” Saratoga Springs, NY – panel co-organizer and speaker. **AIA**
 2014 Syracuse University School of Architecture, symposium: “Transections: An Interdisciplinary Exploration of Design between the Science and the Humanities” – invited speaker and panelist.

Related Publications:

Newkirk Maynard, Lauren. “Holding Space: Architect Joyce Hwang envisions more equitable design for all creatures,” *At Buffalo: magazine for alumni and friends of University at Buffalo*, 2023 - Hwang is the subject of the featured faculty profile in a twice-yearly publication by the university’s Division of Advancement.

Related Service Roles:

Hwang has served as an invited guest critic for **over 100 distinct reviews at nearly 50 schools of architecture**. In addition, she has been invited to assess specific curricular programs, participate in discussions about curricula and teaching, and review faculty grant work, and serving as faculty mentors in external institutions. These appointments and invitations include:

- 2023 Dalhousie University, Halifax, Canada: Thesis program review
- 2022-23 “Expanding Horizons” Mentorship program, University of Tennessee, Knoxville – invited to serve as a mentor to UT Associate Professor, Jennifer Akerman
- 2021 New York State Liberal Arts Consortium: Invited guest for discussion, “Architecture in the Liberal Arts: Exploring Curricular Possibilities within a Changing Landscape.”
- 2021 University of Michigan: Invited reviewer of faculty grant proposals for Pressing Matters Grants.
- 2019 American University of Sharjah, United Arab Emirates: Curricular review
- 2017 Roger Williams University: Invited guest for faculty discussion, “Ethics, Social Responsibility, & Professional Practice and the Studio Design Curriculum.”
- 2017 University of Michigan: Invited reviewer of faculty grant proposals for Research Through Making Grants.



Declaration of Responsibility: I have personal knowledge of the nominee’s responsibility for the body of work listed in this exhibit.
 Robert Shibley, FAIA, FAICP, SUNY Distinguished Professor and past Dean, UB School of Architecture and Planning

Quotes regarding Nominee's Teaching and Leadership at the UB School of Architecture and Planning



Since 2005, Professor Hwang has taught **807 individual students** mostly in undergraduate and graduate studios, with **153 of those students enrolling in more than one of her courses**. Below is a selection of quotes from Hwang's former students, attesting to her impact in teaching, mentoring, leadership, and service.

"As a steadfast mentor for over 15 years, Joyce Hwang encouraged me to maintain my architecture studies as a first year student, guided me through my initial professional experiences during and after my undergraduate degree, and has supported me as an academic colleague by extending teaching opportunities. My career path would not be filled with such joy and pure fun without Joyce's mentorship—in fact, it's likely that I would not have continued pursuing architecture without her input."

**Joey Swerdlin, Director, Morpholio; Adjunct Assistant Professor, UB School of Architecture and Planning
UB Alumnus, Nominee's former undergraduate studio and thesis student**

"Having known Joyce in roles as an educator, designer, administrator, and organizer, I can attest to her enthusiastic and unwavering commitment to build and support communities that range from students, alumni, practitioners, and faculty members at the University at Buffalo and beyond. Joyce is incredibly generous with her time; she listens and draws from her diverse experiences to provide guidance and encouragement. Her impact is palpable in her various roles within different networks, and I am continually amazed and inspired by her boundless capacity to advocate for others."

**Albert Chao, Founder of Albert Chao Architect, PLLC; Adjunct Assistant Professor, UB School of Architecture and Planning
UB Alumnus, Nominee's former Teaching Assistant**

"At the 2022 Sydney Gross Symposium, several guest alumni speakers and I cited Joyce Hwang in our presentations as an important mentor who propelled us forward during critical moments in our careers. The next alumni speaker, F. Jason Campbell, transitioned with, 'Joyce, it seems like you have a lot of mentees, are you taking applications?'" This far-reaching mentorship is a product both of her personality and of her vision of and commitment to the profession of architecture: at the core of nearly all of Joyce Hwang's projects, classes, and events is collaboration- across disciplines and across levels of experience. Constructing a project with Joyce nearly always means working side by side amongst all levels of undergrad students, graduate students, alumni, other faculty, and often her family members. The result is a generation of architects who understand that impactful architecture is a product of many hands and voices and is best celebrated in community with a party."

**Laura Lubniewski, Clinical Assistant Professor, UB School of Architecture and Planning
Ecological Practices Research Group member
UB Alumna, Nominee's former undergraduate studio student**

"Professor Hwang continuously makes efforts to engage students at the graduate and undergraduate levels in her research. As a participant in her studio and as a research assistant, I gained valuable insight into the behind-the-scenes workings of fulfilling an installation project, in addition to being granted the opportunity to work on a real-life project that merges human and ecological systems."

Bethany Greenaway, UB student, Nominee's former graduate studio student and research assistant

"Joyce's teaching continues to inspire many aspects of my life. The ways I think, design and live have been shifted to reveal that there is no such thing as designing for humans alone. Every action we humans take is one that is shared with all life on Earth."

**Benjamin Wemesfelder, Architectural Staff at Gordon W. Jones Associates
UB Alumnus, Nominee's former graduate studio and thesis student**

08. ACSA and JAE



Professor Hwang's **leadership in the academy is demonstrated by her service to the broader discipline of architecture** as field of study through her roles in the **Association of Collegiate Schools of Architecture (ACSA)**. In 2018 she was named as an **editorial board member** for the **Journal of Architectural Education (JAE)**, one of ACSA's peer-reviewed publications. By the completion of her second three-year term, Hwang will have worked through the **review and editorial process for twelve JAE issues**. She also served JAE as part of the search committee for a new Executive Editor, which resulted in the appointment of current Executive Editor Nora Wendl. In addition, Hwang has been active in the **development of the JAE Fellows program**, for which **ACSA was awarded a Graham Foundation Grant**, and has served since its inaugural year as a **JAE Fellows Advocate or mentor**. Hwang has also served for two years as the JAE Representative for **ACSA's Research and Scholarship Committees**, also carrying out the role of Committee Chair for the 2022-23 academic year. In her role as Chair, she steered the committee in collecting information and work from scholars and designers **working on issues around climate justice**, developing ways of **understanding and defining the intersections of climate change research and social justice work in the built environment**, organizing a panel session on related issues at the ACSA Annual Conference, and discussing ways to impact tenure processes to consider the work of architecture academics who are involved in climate justice activism. As an ACSA member since 2006, Hwang has also been actively involved in many conferences, which include peer-reviewing paper submissions, serving as conference panel chair and moderator, and participating as a speaker. Currently, she is serving ACSA to assist in planning the 2023 Administrators Conference, which will take place in Buffalo and at UB.

Hwang has been leading national conversations in the academy around sustainability, social justice, and architectural education.

Role: JAE Editorial board member, ACSA Research and Scholarship Committee chair and member, peer-reviewer.

Related Panel Presentations (selected):

2023 ACSA Annual Conference: "Redefining Climate Research in the Built Environment": St. Louis, MO – co-organizer and speaker.

2022 ACSA Administrators Conference: "Forging New Alliances": Boston, MA – panel speaker.

2022 ACSA/AIA Intersections Conference: Expanded Futures Plenary Session – panel speaker. 

2021 AIA/ACSA Intersections Research Conference: Communities – panel speaker. 

2021 ACSA/EAAE Teachers Conference: Curriculum for Climate Agency: Design (in)Action – panel speaker.

2019 ACSA Administrators Conference: "Emerging Models of Individual and Collaborative Research": New Orleans, LA – panel speaker.

2015 ACSA Fall Conference: Between the Autonomous and Contingent Object, Syracuse, NY – panel speaker.

2015 ACSA Annual Conference: The Expanding Periphery and the Migrating Center, Toronto, ON – session chair and moderator.

2013 ACSA Annual Conference: New Constellations, New Ecologies, San Francisco, CA – panel speaker.

2007 ACSA Annual Conference: Fresh Air, Philadelphia, PA – panel speaker.

2006 ACSA Southwest Conference: Surfacing Urbanisms, Recent Approaches to Metropolitan Design, Los Angeles, CA – panel speaker.

Related Publications:

Hwang's involvement in the review and editorial process spans twelve JAE issues: Atmospheres (Spring 2019), Work (Fall 2019), H2O (Spring 2020), Othering (Fall 2020), Built (Spring 2021), building stories (Fall 2021), Health (Spring 2022), Pedagogies for a Broken World (Fall 2022), Reparations! (Spring 2023), Deserts (Fall 2023), and forthcoming: Infidelities (Spring 2024), Worlding. Energy, Transitions. (Fall 2024).

Related Service Roles:

2022-current JAE Fellows Advocate – invited to serve as mentor to JAE Fellows.

2020 JAE Executive Editor Search Committee.

2020 ACSA Pivot to Online Learning session: "Design/Build and Community Engagement – Online?" – co-moderated session.

Declaration of Responsibility: I have personal knowledge of the nominee's responsibility for the body of work listed in this exhibit.

Michael Monti, Executive Director of ACSA

09. Advocacy at the University at Buffalo



As a faculty member at the UB School of Architecture and Planning, Professor Hwang has worked to **advocate for equity and empowerment in the university context and in the field of architecture more broadly**. She has served on academic committees centered on diversity and equity, such as the school's **Racial Equity and Social Justice Committee** and the university's **Gender Institute**. Hwang has consistently sought to **foster inclusivity in the classroom through teaching, mentoring, and creating mechanisms for student support**. In her role as first-year studio coordinator between 2007 and 2009, for example, she developed an ad-hoc **student mentoring program** that paired freshman students with more seasoned undergraduates as peer mentors.

At the university, Hwang has been extensively involved in **developing public programs that address themes of equity and inclusion**. In 2012, she initiated and co-organized a symposium that featured a roster of all women speakers, **amplifying issues of gender in architecture**. Titled **“Martell Symposium -- Beyond Patronage: Reconsidering Models of Practice,”** the day-long event explored practices and projects that emerged from innovative modes of collaboration, research and advocacy. The talks explored ways to confront typical power structures in the field through strategies of empowering less-resourced stakeholders. Hwang – in collaboration with co-organizer Martha Bohm and UB alumna Gabrielle Printz – subsequently **co-edited a book, *Beyond Patronage***, that is a collection of essays, projects, and interviews developed from the symposium participants. Published in 2015 by Actar, the **book became a springboard for numerous events – from lectures and panel discussions to exhibitions**.

Hwang has continued to play an active role in **developing programs around themes of equity at UB**. In collaboration with Kelly Hayes McAlonie, Kari Winter, and the UB Gender Institute, she co-organized another symposium, **“Building Talent: Women, Patronage, and Mentoring”** in 2013. From 2014-2017, she served as the **faculty coordinator for the ArchiteXX lecture series at UB**, which featured talks by women in architecture. In 2017-18, as **Committee Chair for the School’s Public Programs Committee**, she initiated the yearlong theme of **“Border Crossing,”** aimed to **amplify the importance of transnational and transcultural discourse, and celebrate the positive impacts of immigrants and citizens from diverse backgrounds**. In 2020-21, again as Public Programs Chair, she stewarded the yearlong lecture series, **“Toward Racial Justice,”** aiming to **recognize the complex histories that architecture and planning play with regard to social justice**, and to focus on the impacts that our disciplinary work has had on historically disenfranchised communities. As part of her role as Committee Chair, she helped guide two student groups, **AASAP (African American Students in Architecture and Planning)** and **UB NOMAS**, in organizing their symposium, **“Rebuilding the Built Environment: Pedagogy in Practice.”**

Hwang’s leadership in advocating for equity and empowerment in the university context has supported and encouraged nearly two decades of students and faculty at UB and beyond.



Advocacy for Equity and Empowerment

09. Advocacy at the University at Buffalo



Role: Educator, Symposium and Event Organizer, Committee Chair, Speaker, Author, Editor.

Related Service Roles:

2019 – Current: Racial Equity and Social Justice Committee / Equity, Inclusion, and Diversity Schoolwide Committee at UB School of Architecture and Planning.

2018: UB Gender Institute – Dissertation Prize Committee.

2013-2014: UB Gender Institute – Planning Committee Member, 2012- Current: UB Gender Institute Affiliate.

Related Exhibitions:

2018-2019 “Beyond Patronage” included in “Now What?! Advocacy, Activism, Alliances in American Architecture since 1968,” traveling exhibition at Pratt Institute, Brooklyn; California College of the Arts, San Francisco, CA; McGill University, Montreal, Canada – Curated and organized by ArchiteXX.

Related Presentations:

2022 “Beyond Patronage Redux” at Carnegie Mellon School of Architecture, Pittsburgh, PA – co-presenter.

2021 “Engendering Equity in Architecture and Planning: UB School of Architecture and Planning Womxn Faculty” at UB – panel speaker.

2018 BEAT (Building Equity in Architecture Toronto) Dinner and Discussion – invited discussant.

2018 “Diagramming Practices: Beyond Patronage” presented in coordination with ArchiteXX for “Now What?! Advocacy, Activism, Alliances in American Architecture since 1968” at Prime Produce, New York, NY – co-organizer.

2017 MORE (Merge, Open, Resignify, Expand): Expanding Architecture from a Gender-based Perspective, 3rd International Conference on Gender and Architecture, Florence, Italy – panel speaker.

2017 “NOMAS Power Lunch: Women in Academia,” organized by MIT NOMAS at MIT School of Architecture and Urban Planning, Cambridge, MA – panel speaker.

2016 *Beyond Patronage* Panel Discussion and Book Launch at MIT School of Architecture and Planning, Cambridge, MA – moderator.

2015 *Beyond Patronage* Panel Discussion and Book Launch at School of the Art Institute of Chicago, Chicago, IL – co-organizer, moderator.

2015 ACSA Conference: *Beyond Patronage* Panel Session, Toronto, Canada – session chair and moderator.

2015 Storefront Drawing Series: “Armatures of Practice, Politics of Action:” *Beyond Patronage* Book Launch at Storefront for Art and Architecture, New York, NY – co-organizer and moderator.

2013 “Building Talent: Women, Patronage, and Mentoring” at UB -- co-organizer and moderator.

2012 “Martell Symposium -- Beyond Patronage: Reconsidering Models of Practice” at UB -- co-organizer, moderator, and speaker.

Related Publications:

Hwang, Joyce. “Dispersed Practice.” *SUB_TEXXT*: Online Journal for ArchiteXX (2017). Eds. Gabrielle Printz, Virginia Black, Rosana Khalib, Sarah Rafson.

Gray, Christina. “Book Review: *Beyond Patronage: Reconsidering Models of Practice*.” Book review in *Canadian Architect* (2017).

Hill, John. “Book Briefs #25: Six Actar Books.” Book review in *A Daily Dose of Architecture* (2016).

Hwang, Joyce and Bohm, Martha. “Beyond Patronage: Reconsidering Models of Practice.” *UrbanNext* (2015)

Hwang, Joyce; Bohm, Martha; and Printz, Gabrielle, eds. *Beyond Patronage: Reconsidering Models of Practice*. New York and Barcelona: Actar Publishers, 2015.

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Martha Bohm, Associate Professor, University at Buffalo School of Architecture and Planning

Ecological Practices Research Group member,

Co-organizer of Beyond Patronage symposium, and related events, Co-editor of Beyond Patronage book

Advocacy for Equity and Empowerment
10. Advocacy Beyond the University



Dark Matter University embodies and builds solidarity amongst Black, Brown, Indigenous, and Asian Communities. We are angry and devastated by the increase and ongoing invisibility of Anti-Asian hate crimes in our cultural centers and neighborhoods across the country. We stand against the myths that attempt to divide us and work together to fight anti-Asian racism, anti-Blackness, colonialism, xenophobia, and white supremacy.

The design community—in both education and practice—has been complicit for too long. We have the responsibility and the opportunity to envision community-centered solutions without policing that keep us all safe.

MODEL ~~MINORITY~~ SOLIDARITY.

In addition to her service roles at UB, Professor Hwang is a **leader in advocating for equity and empowerment in the design community at large**, actively working with several organizations to **advocate for design justice in the built environment**. Since 2020, Hwang has served as a **core organizer with Dark Matter U (DMU)**, an organization that works to promote anti-racist design education and practice. Through collective knowledge-sharing and collaborative processes, DMU works to create courses, publications, and public programs that amplify principles of design justice and the work of BIPOC educators. Hwang’s involvement in DMU has focused on **creating and maintaining a system of collective mentorship and care through “DMU Office Hours,”** a mechanism for the DMU network to facilitate conversation on a variety of topics, ranging from tenure-track application processes, to community-oriented practices. As part of a large group of DMU members who **co-authored a “Foundations of Design Justice” course**, Hwang has also been working to administer the course at UB, along with several other DMU member-taught courses, including graduate options studios, a “Race and Place” course, an “Alternate Practice” seminar, and course on Reparations. She has also been involved in several of DMU’s co-created and co-presented activities.


Hwang also serves as a **Steering Committee Member for US Architects Declare**, an organization that focuses on **addressing the interlinked crises of climate change, social justice, and biodiversity loss** through creating programming, case studies, and resources for professional practice and education. She was particularly active in organizing a working group in resource-gathering and discussions around issues of urban biodiversity and its intersections with environmental justice.

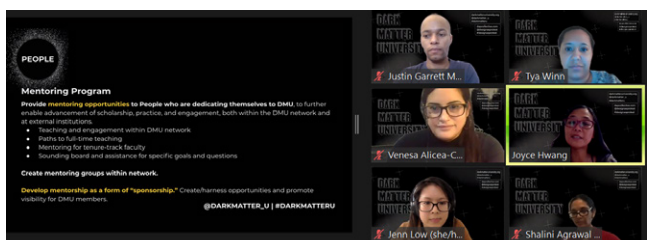
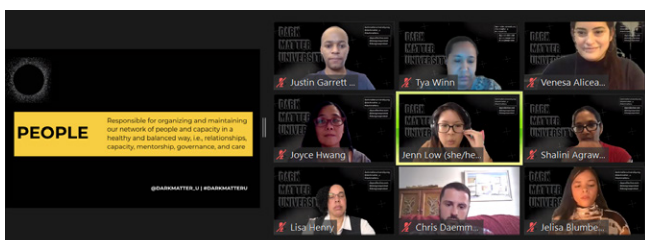
Additionally, Hwang was invited by the **SOM Foundation** to serve as part of the **Robert L. Wesley awards program**. Created in honor of SOM’s first Black partner, the program **supports BIPOC undergraduate architecture students through scholarships and mentorship**. Hwang served on the panel of jurors in the program’s inaugural cycle in 2020, and has continued her engagement as a mentor for awarded students since 2021.

Hwang’s service as an advocate for design justice and equity has supported and mentored diverse educators and students nationally.

Role: Core Organizer, Steering Committee Member, Awards Juror, Mentor, Presenter, Co-Author.

Related Service Roles:

- 2021 – Current: SOM Foundation, Robert L. Wesley Mentorship Program – invited by SOM Foundation to serve as mentor to BIPOC undergraduate students.
- 2020: Juror for AIA Washington DC Competition: “Politics, Protest + Place: The Role of Inclusive Urbanism in Civic Activism” – invited by AIA DC’s Equity and Urban Design Committees. 
- 2020 – Current: US Architects Declare - Steering Committee Member.
- 2020 – Current: Dark Matter U - Core Organizer, People and Opportunity Working Group.
- 2004-2005: Community Design Collaborative, Philadelphia, PA – volunteer for pro bono services.




Advocacy for Equity and Empowerment
10. Advocacy Beyond the University

ONE YEAR LATER

Joyce Hwang: Enough with Incremental Change

The University at Buffalo SUNY associate professor and associate chair of architecture and Ants of the Prairie founder wants to do much more to improve inclusion and diversity in design.


By JOYCE HWANG



original photo: Lorie Shaul

George Floyd wasn't the first or last Black person to be killed by the hands of police or vigilantes, but his documented murder helped spark a rise in discourse on systemic racism. In this 15-part series, members of the design community share how their conversations and view of and place in the profession have changed in a year that also saw an increase in attacks—many fatal—against people of color as well as the lives of millions more gone due to COVID-19.

Here, Joyce Hwang, University at Buffalo SUNY associate professor and associate chair of architecture and Ants of the Prairie founder, explains why she feels she can never do enough.




courtesy Joyce Hwang

Joyce Hwang

students around these issues.

In the past year, discourse around racial justice has intensified everywhere. Increasing diversity and inclusion has been part of our strategic plan for years, but with the murder of George Floyd, an awareness of the injustices that we face became acute.

Like many universities, our students, faculty, and alumni organized town halls, which have been happening on Zoom because of the pandemic. Our school's diversity and inclusion committee grew and attracted more student participation. Samina Raja [a professor in urban and regional planning and the associate dean for research and inclusive excellence at UB's School of Architecture and Planning] spearheaded much of this committee's work, which seemed more urgent and amplified. Like other schools, we took on racial justice as a theme for our lecture series and increased our discourse with




Related Exhibitions, Fellowships, and Grants:


2022 DMU x Lisbon: Exhibition at Lisbon Architecture Triennial – one of many DMU participants; Core project team: Bz Zhang, christin hu, Cory Henry, Garnette Cadogan, Jerome Haferd, Maria Villalobos, Shawhin Roudbari, Sophie Weston Chien, Tonia Sing Chi, Victor Zagabe.

Related Presentations:

2021 Dark Matter U Workshop for Justice Alliance for Design Education (JADE), Philadelphia, co-presenter, co-facilitator; JADE workshop organized by Tya Winn.
 2021 ACSA/EAAE Teachers Conference – co-presenter for US Architects Declare.

Related Publications:

Architect Magazine, October 2023 issue - guest edited by Dark Matter U (Hwang's contribution: author of one project feature, reviewer for two articles). 

"Field Notes on Design Activism: 3." Contribution to *Places Journal* (2022).
 "The other day we started a shared doc..." *Log 54: Coauthoring* (2022). Co-authored with members of DMU, essay edited by Tonia Sing Chi, Sophie Weston Chien, christin hu, Bz Zhang, Shawhin Roudbari, A.L. Hu.
 "Joyce Hwang: Enough with Incremental Change." Contribution to "One Year Later," *Architect Magazine* (2021), edited by Wanda Lau. 

"Professor Hwang has been a powerful advocate for anti-racist design pedagogy and practice through her involvement with Dark Matter U. She has had an impact inside and outside academia, leading initiatives that support emerging BIPOC faculty to be successful in their teaching career. Her commitment to mentorship has activated new pathways of practice and knowledge, and changed the trajectory of DMU's BIPOC community, with many of them guest lecturing, teaching classes, and securing tenure-track positions in the academy."

Shalini Agrawal, Founder and Principal, Public Design for Equity; Director, Pathways to Equity; Director of Programs, Open Architecture Collaborative; Associate Professor, California College of the Arts; Core Organizer, Dark Matter U

"As both a co-author of "Foundations of Design Justice" seminar and faculty administrator, Professor Hwang leverages her position to enrich the pedagogy, practice, and communities within both DMU and UB, and beyond. Hwang serves as a generous, visionary, and impactful convener: identifying pedagogical alignments between DMU and UB curricula to strengthen impacts for students; cultivating connections between DMU instructors and place-based practitioners in the Buffalo communities; and advocating for the growth and wellbeing of students, the communities they come from, and non-human communities throughout."

Bz Zhang AIA, Project Manager, Los Angeles Neighborhood Land Trust; Core Organizer, Dark Matter U

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 Justin Garrett Moore, AICP, Program Director, Humanities in Place at the Mellon Foundation
 Dark Matter U, Initiator and Core Organizer

