

AKI ISHIDA AIA, LEED AP

Interim Associate Director and Associate Professor
Virginia Tech School of Architecture
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EDUCATION

Master of Science in Advanced Architectural Design, May 1998
Columbia University Graduate School of Architecture, Planning and Preservation, New York, NY

Bachelor of Architecture, with Distinction, June 1995
University of Minnesota College of Architecture and Landscape Architecture, Minneapolis, MN

LICENSE/ACCREDITATION

- Licensed and Registered Architect in the State of New York
- Licensed Architect in the State of New Jersey
- NCARB Certificate
- LEED® (Leadership and Energy & Environmental Design) Accredited Professional

ACADEMIC EXPERIENCE

Virginia Tech Schools of Architecture, Blacksburg, VA (Jan. 2012-present)

Interim Associate Director, School of Architecture, January 2022 to present (also for School of Design, which includes Industrial Design, Interior Design, and Landscape Architecture, from January 2022 to June 2023).

- Together with Interim Director and program chairs, oversee recruitment and hiring, faculty/staff development and evaluations, communications, distribution of awards and scholarships supervision of front office staff and 3 academic advisors, bi-weekly meeting with the Architecture Advisory Board, and planning of annual events including Career Day and graduation.
- Took initiative in leading faculty development for early- and mid-career faculty, professional development for staff, and communications for the school (weekly newsletter, website, and social media).

Tenured Associate Professor*, Fall 2018 to present.

* Submitted dossier for promotion to Professor in June 2023.

Tenure-Track Assistant Professor, Spring 2012 to Spring 2017

- Architecture Design Lab, 2ND year B.Arch, Fall + Spring from 2012 to 2017
- Architecture Design Lab, 3rd year B.Arch, Fall + Spring from 2018 to 2021
- Building Materials, 2nd year B.Arch, Fall 2012 to 2019
- Thesis, B.Arch and M.Arch, Fall + Spring from 2012 to present
- Special Study and Independent Study, Fall + Spring most semesters
- Japan Study Abroad, 2-week Winter Session 2016, 2019, and 2024
- Fall travel, 2 weeks, Fall 2017
- European architecture study residency program at the Steger Center in Riva San Vitale, Switzerland, Spring 2018
- Health and Built Environment, Spring 2021

(See Service section for committee work)

Faculty Fellow, Faculty Affairs in the Provost's Office, 2023-24

- Appointed to work directly with the Faculty Affairs team to conceptualize and implement faculty development plan for mid-career faculty in Architecture. Assemble a

report documenting the activities and best practices, which will be shared across the university.

- Participate in monthly faculty development discussions with other four Faculty Fellows from other colleges and the Vice Provost and Assoc. Vice Provost of Faculty Affairs.

Director, Intelligent Infrastructure for Human-Centered Communities (IIHCC) destination area, 2019 to 2021

- Administered one of seven Destination Areas, cross-college, transdisciplinary communities initiated by Provost's office to tackle complex problems. IIHCC community consisted of about 260 faculty and researchers.
- Organized monthly meetings with 13 stakeholders including deans, directors, and chairs.
- Organized calls and reviews of proposals for research seed grants
- Facilitated public presentations by seed grant awardees
- Initiated and organized IIHCC Forum on Future of Work, with a panel discussion by four scholars from Humanities, Economics, and Public Affairs.
- Supervised graduate assistant to edited monthly newsletter.

Senior Fellow, Institute for Creativity, Arts & Technology (ICAT), 2012-present

- One of 12 Seniors Fellows selected from ten colleges across the university to foster cross-cutting collaborations.
- Annually review grant proposals for seed grants in the amounts of up to \$25,000.
- Work with ICAT Fellows on cross-college, collaborative projects.
- Recruit new faculty to participate in ICAT projects.
- Help to shape and advance the direction of the institute.
- Share opportunities for ICAT programs, grants, and outreach in home departments and colleges.

Columbia University, Summer Program for High School Students, New York, NY (2009-2023, 3 weeks every summer)

Instructor of classes "introduction to the Arts: What is Architecture?" and "Introduction to Contemporary Architectural Practice in New York City"

The Pratt Institute, Brooklyn, NY (2010-11)

Visiting Professor, Interior Design

Rhode Island School of Design, Providence, RI (2004, 07-11)

Adjunct Faculty, Architecture

Parsons School of Design | The New School, New York, NY (2006-09)

Part-time Faculty, AAS Interior Design

Konkuk University Graduate School of Architecture, Seoul, South Korea (2005-06)

Full-time Visiting Foreign Professor, Master of Architecture

Guest critic on reviews

Participated as a guest juror at the Rice University; Columbia University Graduate School of Architecture, Planning and Preservation; Washington University in St. Louis; University of Virginia; University of Colorado, Denver; University of British Columbia; University of Maryland College Park; Parsons School of Design; Columbia College; Barnard College; Rhode Island School of Design; University of Minnesota; Pratt Institute; Yonsei University; Konkuk University; New York School of Interior Design; and New York Institute of Technology

PROFESSIONAL EXPERIENCE (see projects on pp. 9-11)

Aki Ishida Architect PLLC New York, NY and Blacksburg, VA (2008-)

Principal

Ishida/Crandall LLC New York, NY (2005-08)

Partner

I.M. Pei Architect, New York, NY (2002-03, 05)
Independent Full-Time Consultant on the Museum of Islamic Art in Doha, Qatar

James Carpenter Design Associates, New York, NY (1998 to 2002)
Project Designer and Project Manager

Rafael Vinoly Architects, PC, New York, NY (1995-1997)
Core design team member for the new Princeton Stadium at Princeton University for 24 months.

OTHER TEACHING ACTIVITIES

Taubman Museum of Art, Roanoke, VA (October 27, 2012)
Instructor for continuing education course on architecture

Japan Society, New York, NY (2009-10)
Instructor of architecture class for children

AWARDS & RECOGNITIONS

Association of Collegiate Schools of Architecture (ACSA) 2023 Creative Achievement Award
For project "Reenvisioning Everyday Architecture: Experiments in Visual Mapping and Hybrid Media." The award recognizes a specific creative achievement in teaching, design, scholarship, research, or service that advances architectural education.

J. Stoeckel Design Studio Teaching Excellence Award 2022
Virginia Tech School of Architecture + Design

CORE77 Design Awards 2021
Runner-Up (2nd place) award in Professional Strategy and Research Category, 2021 for "Reimagining Medical Workspaces: Information Ecosystems for Future Nurse stations"

The Plan Journal 2020 Best Paper Award, 2nd place
"Imprints of an Invisible Virus: How Airborne Diseases Change Cities" Selected by the Advisory Editorial Board as 2nd best paper of 2020.

May 2020 Society of Architectural Historians Book List and Reading Advisory
Book *Blurred Transparencies in Contemporary Architecture: Material, Culture, and Technology* (2020) selected for the list by Barbara Opar, architecture librarian, Syracuse University Library.

2020 Laskey Charrette at the Sam Fox School of Design & Visual Art at the Washington University in St. Louis, January 24 to 26, 2020.
Invited by the undergraduate architecture program chair Igor Marjanovic to write, moderate, and chair the jury of the annual student competition for all sophomore architecture majors.

2019 Fitzgibbon Charrette at the Sam Fox School of Design & Visual Art at the Washington University in St. Louis, March 22, 2019.
Invited by the undergraduate architecture program chair Igor Marjanovic to write, moderate, and chair the jury of the annual student competition for junior and senior architecture majors.

University Certificate of Teaching Excellence, Virginia Tech College of Architecture and Urban Studies
Awarded by the university's Academy of Teaching Excellence to a single faculty in college. Selected by committee based on peer nominations, 2018.

Association of Collegiate Schools of Architecture (ACSA) 2016-2017 New Faculty Teaching Award

Recognized nationally for demonstrated excellence in teaching performance during the first ten academic semesters of a full-time architectural teaching career.

DesignIntelligence Most Admired Educators

Recognized nationally as one of 25 Most Admired Educators for 2016 by *DesignIntelligence* report. November 2015.

CORE77 Design Awards 2014

Runner-Up (2nd place) award in Professional Strategy and Research Category, 2014 for “Making the Giraffe Path.” With co-recipient Lynnette Widder.

Certificate in Creative Achievement Award, Virginia Tech College of Architecture and Urban Studies

Awarded for the *Lantern Field*, 2014

Excellence in Creative Achievement Award, Virginia Tech School of Architecture + Design

Awarded for the *Lantern Field*, 2014

A|L Architectural Lighting Award

Special Citation awarded for Community Engagement with Lighting for the *Lantern Field*, 2013

London International Creativity Competition

Honorable Mention awarded for *Lantern Field*, 2013

Residency at Baer Arts Center

Hofsos, Iceland

One-month residency for international artist in June, 2013. Fully funded room, board, and studio.

designNYC Selected through competitive process to provide pro-bono design services for a non-profit organization, 2013. With co-applicant Lynnette Widder

Architecture Sans Frontiere AIDS Orphanage Competition

Finalist, selected for exhibit at London Architectural Biennale, 2006

Ralph Rapson Traveling Scholarship Design Competition

Minnesota Architectural Foundation, Minneapolis, MN

Finalist, 2005

The MacDowell Colony Peterborough, NH

Resident Fellow in Architecture, Fall 2002

SELECTED GRANTS AND SPONSORSHIPS, EXTERNAL

National Science Foundation (NSF) Future of Work at the Human-Technology Frontier: Core Research Development Grant.

“FW-HTF-P: Technology as partner for improving the effectiveness of teams of clinicians.” Co-PI, with Sarah Henrickson Parker and Tom Martin as PIs. \$149,680

3M Company In-kind donation of 3M Graphic film Scotchcal and 3M Connected Roads All Weather Elements for the Hokie Circles social distancing graphic signage project which was awarded a TECH Together COVID-19 student rapid response grant, 2020. PI: Aki Ishida. \$7,055 retail value.

Steelcase Sponsorship for Medical Workspace: Information Ecosystem of Future Nurse Stations.

PIs: Thomas Martin & Ben Knapp. Secondary PIs: Denis Gracanin, Aki Ishida, Sarah Henrickson Parker, Vivian Zagarese.

\$125,000

3M Company In-kind donation of ESR (Enhanced Specular reflective) films for *smART field* and *Luminoire* stage set design collaboration with international dance troupe Diavolo, 2017. PI: Aki Ishida.
\$7,500 retail value

Arup Pro-bono service in lighting consulting for *smART field*, 2016. PI: Aki Ishida.
\$2,800 value.

University of Maryland School of Architecture, Planning & Preservation For exhibit *Ground to Sky: Triptychs in Three Scales* at the Kibel Gallery. 2015
\$2,250

Ballston Business Improvement District Competitive commission of interactive light and sound installation *Cloud*, 2013. Co-PI: Aki Ishida & Ico Bukvic.
\$12,000

Philips Color Kinetics In-kind donation of LED light fixtures, cables, and controllers for the *Lantern Field* installation, 2013. PI: Aki Ishida.
\$30,634 retail value

Smithsonian's Freer|Sackler Galleries Financial sponsorship for the *Lantern Field* installation, 2013. PI: Aki Ishida.
\$1,800

National Cherry Blossom Festival Financial sponsorship for the *Lantern Field* installation, 2013. PI: Aki Ishida.
\$1,600

The Japan Foundation New York Arts and Culture Grant, for the *Lantern Field* 2013. PI: Aki Ishida.
\$1,390

The Japan Foundation Center for Global Partnership Education Grant, for the *Luminous Kite Lanterns*. 2012. PI: Aki Ishida.
\$2,000

American Institute of Architects Blue Ridge Chapter For design and installation of *Luminous Kite Lanterns* at the Blacksburg Farmers Market. 2012.
\$3,427

The Japan Foundation Center for Global Partnership Education Grant, 2011. PI: Aki Ishida.

Lower Manhattan Cultural Council, Manhattan Community Arts Fund, 2010. PI: Aki Ishida.

Sponsorship from Starwood Hotels for a sponsored studio at Rhode Island School of Design, 2004. Co-PI: David Crandall, Donald Hearn, Aki Ishida,

Stewardson Keefe LeBrun Traveling Fellowship American Institute of Architects New York Chapter. "Integration of Design in Business Strategy: Design Culture of Olivetti in Ivrea, Italy," 2002. PI: Aki Ishida.

SELECTED GRANTS AND SPONSORSHIPS, INTERNAL

Center for Future of Work Places and Practices

Grant to support "Visual ethnography in medical workspaces." 2023. PI: Aki Ishida. Co-PIs: Sarah Parker and Justin Price.
\$2,000

Global Education Office

Grant to support an exploratory trip to redesign an existing study abroad program in Japan. 2023.

\$3,000

Office of Executive Vice President and Provost and Vice President of Research and Innovation
“Human Systems Integration in Healthcare.” PI: Sarah Parker. Co-PIs: Co-PI: LaConte L; Martin T; Ishida A; Gracanic, D; Nottingham Q; Lau N; Tsui K; Topcu T.
\$48,700

Center for Excellence Teaching and Learning Instructional Innovation Grant

Grant to support “Bodystorming: Full-scale prototyping to study people’s interactions with their immediate physical environment.” 2020. PI: Aki Ishida.
\$1,515

Science, Engineering, Art and Design Major Grant from Virginia Tech Institute for Creativity, Arts & Technology, for *smART field*, 2016. PI: Aki Ishida. Co-PI’s: Muhammad Hajj, Brook Kennedy, Margarita McGrath, and Lei Zuo.
\$21,000

TECH Together Campaign for Hokie Circles. Co PI: Aki Ishida, Joon Kang, Kirat Pandher.
\$5,250

BIG Contribution Grant from Virginia Tech Student Engineers’ Council (SEC)
For design and prototyping of *smART field*, 2016. PI: Lei Zuo. Co-PI’s: Muhammad Hajj, Brook Kennedy, Margarita McGrath.
\$10,000

Vice President for Administration and Vice President for Research

Grants for design and prototyping of *smART field*, 2016. PI: Muhammad Hajj, Margarita McGrath. Co-PI: Aki Ishida, Brook Kennedy, Lei Zuo.
\$55,000

Institute for Critical Technology and Applied Science (ICTAS)

Grant for design and prototyping of *smART field*, 2016. PI: Lei Zuo. Co-PI’s: Muhammad Hajj, Brook Kennedy, Margarita McGrath.
\$10,000

Science, Engineering, Art and Design Mini Grant from Virginia Tech Institute for Creativity, Arts & Technology, 2014 for *The Cloud*. Co-PI: Aki Ishida & Ico Bukvic.

Science, Engineering, Art and Design Mini Grant from Virginia Tech Institute for Creativity, Arts & Technology, 2013 for the *Lantern Field*. PI: Aki Ishida.

Education Grant from The Japan Foundation Center for Global Partnership, 2012

Science, Engineering, Art and Design Mini Grant from Virginia Tech Institute for Creativity, Arts & Technology, 2012 for *Kite Lanterns*. PI: Aki Ishida.

Mentorship Grant from Office of the Provost, 2012. PI: Aki Ishida.

PUBLICATIONS: BOOK

Ishida, Aki. *Blurred Transparencies in Contemporary Architecture: Material, Culture, and Technology*. New York: Routledge/Taylor & Francis, 2020. Introduction written by glass artist James Carpenter. Reviewed in *Architect Magazine* by Blaine Brownell in May 2022. Included in Society of Architectural Historians Book List in May 2020.

PUBLICATIONS: BOOK CHAPTERS

- Ishida, Aki. "(Un)finished architecture and their adaptation." In ***Finishing in Architecture: Polishing, Completing, Ending***. Edited by P. Emmons, M. Feuerstein, N. Goljan. Book proposal accepted by Routledge. Expected publication in 2025.
- Ishida, Aki. "Outside In, Inside Out: Suggestions of Post-Pandemic Architecture in Lacaton & Vassal's Permeable Boundaries." In ***The Future of Architecture and Urbanism in the Post-COVID Age***. Edited by Celen Pasalar, George Hollowell. Peer reviewed and accepted. Expected publication in 2024 by Routledge, Health and Built Environment series.
- Ishida, Aki. "Toyo Ito's wood architecture reimagined: a critique of modernist ideology." In ***Building Technology and Culture in the Asia-Pacific Region: Materials, Construction, Encounters***. Edited by G. Botti, E. Mangi, and H. Shinohara. Currently in production by Springer. Expected publication in 2024.
- Ishida, Aki. "Glass Ceilings, Glass Cliffs: Transparent glass and its illusions." In ***Reflections on Reflections: Cultural History of Glass in Architecture***. Edited by Sol Camacho. Expected publication by BEI EDITORA in 2024.
- Ishida, Aki. "Wind Blowing Grass: Mutable brushstrokes of Yukimasa Ida." In ***Yukimasa Ida***. Chicago: Mariane Ibrahim Publications, 2022. Essay in monograph of emerging Japanese painter. Invited by Mariane Ibrahim Gallery. Expected publication in 2024.
- Ishida, Aki. "Postpandemic Transparency." In ***The Pandemic Effect***. Edited by Blaine Brownell. Princeton Architectural Press, 2023.
- Ishida, Aki. "Material and Culture of Glass Ceiling." In ***Ceilings and Dreams: the architecture of levity***. Edited by Paul Emmons, Federica Goffi, and Jodi La Coe. New York: Routledge/Taylor & Francis, 2019.
- Ishida, Aki. "Learning How to Sit and Stand." In ***Architectural Inventions: Visionary Drawing of Buildings***, 24-25. Edited by Matt Bua and Max Goldfarb. London: Laurence King, 2012.

PUBLICATIONS: JOURNALS

- Ishida, Aki. "Architecture of fluids and electrons." In ***HUBE Magazine*** based in Berlin, Germany, 2023.
- Ishida, Aki. "Encapsulated Masculine Dreams: The Cultural and Material Impermanence of the Nakagin Capsule Tower," ***sITA Studies History in Theory of Architecture*** (2023): 199-212.
- Ishida, Aki. "Blurring Transparent Glass." ***Architect's Newspaper*** (July/August 2022): 40.
- Ishida, Aki. "An Obsolescent Masculine Dream." ***Architect's Newspaper***. (June 2022): 36.
- Ishida, Aki. "Obsolescent Masculinity." ***Disegno***, 32 (2022): 64-76.
- Ishida Aki. "Imprints of Invisible Virus: How Airborne Diseases Change Cities," ***THE PLAN Journal Healthy Urbanism*** 5, no. 2 (2020): 311-330.
- Ishida Aki. "Transparent Ambiguity: SANAA's Glass Pavilion in Toledo," ***arq: Architectural Research Quarterly***. Peer reviewed and accepted for publication in 2018 but withdrew in order to include in my book *Blurred Transparencies published* by Routledge.
- Liu M; Lin R; Zhou S; Yu Y; Ishida A; McGrath M; Kennedy B; Hajj M; Zuo L.. "Design, simulation and experiment of a novel high efficiency energy harvesting paver." ***Applied Energy***, 212 (2018): 966-975.

Ishida, Aki. "Metabolic Impermanence: The Nakagin Capsule Tower." *Inflection: Journal of the Melbourne School of Design* 4 (2017): 32-43.

Ishida, Aki. "Paradox of a Landmark That is Not." *CLOG: Landmark* (2015 September): 44-45.

PUBLICATIONS: PAPERS IN CONFERENCE PROCEEDINGS

Ishida, Aki. "Air, light, and liquid in motion: blurred transparency of the Glass pavilion in Toledo." *Antifragile Glass* (2021): 130-139.

Ishida, Aki. "Materials that connect and separate us: COVID-19 and protective barriers." In *Cities in a Changing World: Questions of Culture, Climate and Design conference AMPS Proceedings* 24, no. 1 (2021): 299-310.

Ishida, Aki, et al. "Reimagining medical workspaces through on site observations and bodystorming." *Proceedings for Proceedings for Association of Collegiate Schools of Architecture (ACSA) 110th Annual Meeting | EMPOWER* (2021).

Ishida, Aki. "Contextualizing Study Abroad: Teaching Cultural Empathy through Architectural Ethnography." *Proceedings for Association of Collegiate Schools of Architecture (ACSA) Less Talk More Action: Conscious Shifts in Architectural Education Fall Conference* (2019): 228-236.

Ishida, Aki. "Soulful Light in Smart Cities." *AMPS Conference Publication Series 10. Cities, Communities and Homes: Is the Urban Future Livable?* University of Derby, Derby, 22-23 June (2017).

Ishida, Aki. "Light in Smart Cities: from soulful to transgressive." *2017 UIA (International Union of Architects) Seoul, South Korea conference proceedings* (2017): 1-6. Reference Number O-0829 in section PS2-22

Ishida, Aki. "Sanatorium Zonnestraal and a case for a nuanced approach to light exposure." *Proceedings for Association of Collegiate Schools of Architecture (ACSA) and Association of Schools and Programs of Public Health (ASPPH) Fall Conference 2016 Building for Health & Well-being. Honolulu, Hawaii* (2017): 139-144.

Ishida, Aki. "Tactility at 1:1: Media and Contexts in Learning Building Materials." *National Conference on Beginning Design Student 32 1:1* (2016): 99-102.

Ishida, Aki. "Paradox of a Landmark That is Not: Preservation Debate over the Nakagin Capsule Tower." *Proceeding of the International Conference on East Asian Architectural Culture, Gwangju, Korea 2015* (2015): 105-11

Ishida, Aki and Lynnette Widder. "Spatial Story in Northern Manhattan." *ACSA 102: GLOBALIZING ARCHITECTURE / Flows and Disruptions* (2014): 237-245.

Ishida, Aki. "24/7 Lifestyle and Chronobiology of New Open Cities." *Association of Collegiate Schools of Architecture (ACSA) 2014 International Proceedings* (2015): 456-467.

Ishida, Aki. "Lantern Field: attention and deceleration through communal making and interaction." *Association of Collegiate Schools of Architecture (ACSA) 2014 International Projects Proceedings* (2015): 4-5.

Bortz, Brennon, Ishida, Aki, Bukvic, Ivica Ico, and Knapp, R. Benjamin. "Lantern Field: Exploring Participatory Design of a Communal, Spatially Responsive Installation." Full paper published on *Conference Proceedings of 13th International Conference on New Interfaces for Musical Expression (NIME)* on May 27-30, 2013 in Daejeon and Seoul, South Korea.

Ishida, Aki. "Luminous Kite Lanterns: Spatially responsive audio-visual field". **ACSA (Association of Collegiate Schools of Architecture) 101: New Constellations New Ecologies: Research and Design Projects Catalog**. Ed. Ila Berman and Edward Mitchell. (2013): 88-89.

Ishida, Aki. "Role of the Ephemeral in Recovery and Renewal." **EPIC 2102: Renewal. Conference Proceedings from Ethnographic Praxis in Industry Conference**. 14-17 Oct. 2012. (2012).

LECTURES

The Oslo School of Architecture and Design, September 12, 2023. Re-use class taught by Erik Fenstad Langdalen and Nicholas Coates. Invited lecture "Encapsulated Masculine Dreams: The Cultural and Material Impermanence of the Nakagin Capsule Tower."

University of Virginia, April 23, 2023 at at University of Virginia School of Architecture for graduate course ARCH 6261: Building Integration Workshop II taught by Katie MacDonald. Invited lecture "Blurred Transparencies in Contemporary Glass Architecture: Material, Culture, and Technology."

Marywood University, April 20, 2023. ARCH-228-02: History and Theory of Architecture and Interior Architecture III taught by Negar Goljan, Ph.D.. Invited virtual lecture "Nakagin Capsule Tower: Impermanence, Obsolescence, and Legacy of Metabolist Vision."

AIA Washington DC, May 25, 2022. Lecture "Blurred Transparencies in Contemporary Glass Architecture."

Princeton School of Architecture, April 8, 2021. ARC 509 Integrated Building Systems class taught by Peter Pelsinski. Invited lecture "Blurred Transparencies in Contemporary Glass Architecture".

Lecture on creative work and teaching, Sam Fox School of Design & Visual Art at the Washington University in St. Louis, January 24, 2020. Invited lecture to all school faculty and students at the launch of the Laskey Charrette.

Lecture on creative work and teaching, Sam Fox School of Design & Visual Art at the Washington University in St. Louis, March 22, 2019. Invited presentation to junior and senior architecture students and faculty at the launch of the Fitzgibbon Charrette.

Natural Light and Architecture. Parsons School of Design, New York. October 26, 2017. Presentations by Aki Ishida, Davidson Norris, Star Davis, and Glenn Shrum, followed by a panel discussion. Invited panelist.

School of Architecture, University of Hawaii at Manoa. September 22, 2016. Invited public lecture "Paradox of a Landmark That is Not: Preservation Debate over the Nakagin Capsule Tower."

DWELL magazine panel discussion. LG Showroom in New York, NY. October 28, 2015. Invited to participate as one of four panelists for the discussion "The Future of Technology and Modern Design" organized by DWELL magazine. Other panelists were Matthew Bremmer, Architect in NYC; Ken Kasle, LG Electronics; and Allie Weiss, Associate Editor of DWELL.

Illuminating Engineering Society Richmond Section Meeting. November 4, 2015. Invited lecture "Urban Light and Post-Industrial Human Temporality."

University of Maryland School of Architecture, College Park, MD. February 11, 2015. Invited public lecture "Urban Light and Human Temporality"

TEDxVirginiaTech, Moss Arts Center in Blacksburg, VA. November 2014

12 minute talk 'Slowing Down with the Speed of Light'. Video approved and uploaded by TEDx on YouTube. Nominated and selected from a pool of over 150 candidates

Smithsonian's Freer|Sackler Galleries, Washington, DC. April 6, 2013. Invited lecture "Interactive Audio Visual *Lantern Field*" by Aki Ishida and Ivica Ico Bukvic

Marywood University School of Architecture, Scranton, PA, March 2013. Invited lecture 'Participatory | Ephemeral'

CityWorks (X)po, Roanoke, VA. November 2012. Invited presentation "Light and Placemaking"

American Institute of Architects (AIA) Winston-Salem, The Milton Rhodes Center for the Arts. September 17, 2013. Invited lecture "*Lantern Field*: Placemaking through interactive light and sound installation."

CONFERENCE PRESENTATIONS

TF/TK Production Studies 2024: Transforming Knowledges of Architecture, Design, and Labor. March 25-28, 2024 at Newcastle University in the UK. Paper presentation "Entanglements in Transparency: Glass Production in Architecture." Abstract accepted.

Architecture 101: Questioning the Fundamentals November 9 to 11, 2023 at Newcastle University in the UK. Paper presentation "Critical ethnography in architecture: presence of those unheard and unseen."

Moonscape of the Mind: Japanese American Design After Internment April 15, 2023 at Washington University in St. Louis. Paper presentation "Citizen 13660: Critical Architectural Ethnography."

Fascari Symposium IV April 1, 2023 in Washington, DC. Paper presentation "(Un)finished architecture and their adaptation."

Anti-Fragile Conference, November 18, 2022 at Università Iuav di Venezia in Venice, Italy. Paper presentation "Air, light, and liquid in motion: blurred transparency of the Glass pavilion in Toledo."

Design Communication Association (DCA) International Conference 2022, October 5-8, 2022 at Auburn University. Paper presentation "Projection Mapped Architectural Models: Experiencing multiple of times and places at once."

Building Technology and Culture in the Asia-Pacific Region: History and Projects Symposium, June 24, 2022 at the Chinese University in Hong Kong (presented virtually). Paper presentation "Building for people left behind by modernism: wood architecture reimaged by Toyo Ito."

AMPS Urban Assemblage: The City as Architecture, Media, AI and Big Data conference, June 28-30, 2021 in London or virtual. Paper presentation "Interactive light art and shifting relations among individuals, the collective, and cities."

AMPS Cities in a Changing World: Questions of Culture, Climate and Design conference, June 16-18, 2021 in NYC or virtual. Paper presentation "Materials that connect and separate us: COVID-19 and protective barriers."

International Perspectives on the Future of Architecture and Urbanism in the Post-COVID Age, January 29, 2021. Paper presentation at an online symposium organized by Caitlin DeClercq and Mohammad Gharipour, "Protective barriers in US cities during and after the COVID-19 pandemic,"

HokieTalk "Exploring the Future of Work in Medical Spaces" February 4, 2021. Selected by a university committee to present research project with Steelcase, Carilion Clinic, and ICAT. Organized by Virginia Tech Alumni Relations.

2019 ACSA Fall Conference LESS TALK | MORE ACTION: Conscious Shifts in Architectural Education. Stanford University, September 15, 2019. Paper presentation, “Contextualizing Study Abroad: Teaching cultural empathy through architectural ethnography.”

2017 UIA (International Union of Architects) Seoul, South Korea. September 5, 2017. Paper presentation “Light in Smart Cities: from soulful to transgressive.”

AMPS (Architecture, Media, Politics Society) Conference: Cities, Communities and Homes: Is the Urban Future Livable? University of Derby, Derby, June 22-23, 2017. Paper presentation “Soulful Light in Smart Cities.”

Fascari Symposium III in Washington, DC. April 21, 2017. Paper presentation “Material and Culture of the Glass Ceiling.”

Association of Collegiate Schools of Architecture (ACSA) and Association of Schools and Programs of Public Health (ASPPH) Fall Conference 2016 Building for Health & Well-being. University of Hawaii, Manoa. September 24, 2016. Paper presentation “Sanatorium Zonnestraal and a case for a nuanced approach to light exposure.”

2016 National Conference on Beginning Design Student. Cal Poly San Luis Obispo, CA. February 25-28, 2016. Paper presentation “Tactility at 1:1: Media and Contexts in Learning Building Materials.”

Architecture Exchange East 2015 in Richmond, VA. November 4, 2015. Presentation “Urban Light and Post-Industrial Human Temporality.”

American Institute of Architects New York State Saratoga Design Conference in Saratoga Springs, NY. October 24, 2015. 90-minute seminar “Hybrid Practice: Directed Design Internship for New Concepts in Patient-Oriented Spaces” given with Prof. Lynnette Widder.

2015 Conference on East Asian Architectural Culture (EAAC) in Gwangju, South Korea. November 11, 2015. Paper presentation “Paradox of a Landmark That is Not: Preservation Debate over the Nakagin Capsule Tower.”

9th Savannah Symposium: The Architecture of Trade, Savannah College of Art and Design. February 7, 2014. Paper presentation “Dejima: Island of information flow and anti-globalism”

Association of Collegiate Schools of Architecture (ACSA) International Conference 2014 OPEN CITIES, Seoul, South Korea. June 2014. Paper presentation “24/7 Lifestyle and Chronobiology of New Open Cities”
Project presentation “Lantern Field: Attention and deceleration through communal making and interaction”

Association of Collegiate Schools of Architecture (ACSA) 102ND Annual Conference 2014, Miami Beach. April 12, 2014. Paper presentation with co-author Lynnette Widder “Spatial Stories of Northern Manhattan”

HEALTHCARE DESIGN conference, Phoenix, AZ. November 2012. Short presentation and moderating of a workshop “Innovative Research and Design—Academic Partnerships and Guided Design Internship at Memorial Sloan-Kettering Cancer Center”

Ethnographic Praxis in Industry Conference (EPIC), Savannah, GA. October 2012. Presenting paper “Role of the Ephemeral in Recovery and Renewal”

SELECTED PROJECTS

Hokie Circles Blacksburg, VA

Student initiated COVID-19 rapid response grant proposal to install social distancing graphic signage around campus and downtown Blacksburg. The team's winning proposal was selected from a pool of 75 applications. Team members are Joonyoung Kang, Kirat Pandher, and Aki Ishida. In progress, Fall 2020.

Medical Workspace: Information Ecosystem of Future Nurse Stations

Design research sponsored by Steelcase furniture company. Collaboration between ICAT, Carilion, and Steelcase to conduct ethnographic studies on clinician workflow and propose spatial design solutions. PI's: Tom Martin and Ben Knapp; Co-PI's: Sarah Parker, Aki Ishida, Denis Gracanic. Completed Phase 1 in 2019, Phase 2 in 2020.

smART field Virginia Tech campus in Blacksburg, VA

Competitively selected from an open-call from faculty of Virginia Tech. Co-PI's Muhammad Hajj, Brook Kennedy, Margarita McGrath, and Lei Zuo. Design completed in 2016 to 2018.

Cloud Ballston, VA

Public art project commissioned by Ballston Business Improvement District, Ballston, VA. Co-PI with Ivia Ico Bukvic of Music Technology dept. at VA Tech. Installed at Welburn Square and Virginia Tech Research Center in Ballston, VA, October 2014.

'Making the Giraffe Path' project with designNYC New York, NY

Design of public workshops, resource binder, and hiking trail map for Northern Manhattan. Collaboration with Prof. Lynnette Widder of Columbia University. Completed 2013.

Lantern Field at the Smithsonian's Freer Gallery of Art Washington, DC

PI on installation of an interactive audio-visual *Lantern Field* at the Smithsonian's Freer Gallery during the National Cherry Blossom Festival in Washington DC. Completed, April 5-7, 2013.

Luminous Kite Lanterns Blacksburg, VA

PI on installation of *Luminous Kite Lanterns* for American Institute of Architects Blue Ridge Chapter Biennial Award Exhibit at Blacksburg Farmers Market. Completed, September 14 to 17, 2012.

[Prior to Virginia Tech]

Memorial Sloan Kettering Cancer Center Strategic Planning and Innovation Guided Internship

Led an in-house design internship with three recent graduates of RISD architecture, doctors, nurses and administrator at the hospital to rethink their clinic room of the future and 23-hour recovery floor. Co-directed with Prof. Lynnette Widder of Columbia University as secondary advisor. Completed June to November 2011.

Luminous Washi Lanterns at the Japan Society New York, NY

Interactive installation for CONCERT FOR JAPAN, a Japan Earthquake Relief Fund benefit event, in Japan Society's Rockefeller Atrium. Completed, April 9 to May 20, 2011.

Mori no Ike, the Japanese Village at Concordia Language Villages Bemidji, Minnesota

30,000 sf new cultural and language education facility. In progress since 2006.

Ardesia Wine Bar New York, NY

Interior design of wine bar published in Michelin Guide. Completed 2009.

Riverside Drive Apartment New York, NY
Interior design of 2,000sf apartment gut renovation and combination
Completed 2009

Clubhouse New York, NY
Interior design of bar
Completed 2003

Museum of Islamic Art Doha, Qatar
Design and Technical consultant at I.M. Pei Architect
48,000 sf new museum
2002, 03, & 05. Completed 2008

Cable Net Wall at Time Warner Center New York, NY
Project Manager/design team member at James Carpenter Design Assoc
Cable net glass walls for atrium of Time Warner Center
1999-2002, completed 2004

Cast Lens Wall New York, NY
Project Manager/Project Designer at James Carpenter Design Assoc
Interior lobby art wall at 745 7th Avenue, New York City
1999–2001, completed 2001.

Luminous Blue Glass Bridge Seattle, WA
Project Manager/design team member at James Carpenter Design Assoc
Interior bridge at Seattle City Hall
2001-03, completed 2003

Glass Scrim Wall Phoenix, AZ
Project Manager/Project Designer at James Carpenter Design Assoc
Exterior scrim wall around sculpture garden. Public art project commissioned by City of Scottsdale at Scottsdale Museum of Contemporary Art.
1998-99, completed 1999

Princeton Stadium Princeton, NJ
Core project member at Rafael Vinoly Architects PC
New 35,000 seat outdoor stadium
1995-97, completed 1998

EXHIBITS

Italian Virtual Pavilion. Sezione del Padiglione Italia. 17th Venice Architecture Biennale, Venice, Italy. Video “Between Anxiety and Comfort” exhibited in the Italian Virtual Pavilion, how can we live together curated by Tom Kovac and Italian Pavilion curator Alessandro Melis.

1x1 Toward 2020 Stanford University, Palo Alto, CA. Invited to include 6”x 8” watercolor drawing and CV in exhibit curated by Zellner Bassett, P., Dunay, D., & Paget, M. (2019, September 13).

1x1 Toward 2020 Greater Richmond Convention Center, Richmond, VA. Invited to include 6”x 8” watercolor drawing and CV in exhibit curated by Zellner Bassett, P., Dunay, D., & Paget, M. (2019, November 6).

ICMC (International Computer Music Association) Conference 2015 University of North Texas, Denton, TX
A portion of the *Cloud* exhibited. September 25 to October 1, 2015.

Shaw Center for Arts Manship Theater wing at Louisiana State University Baton Rouge, LA
A portion of the *Cloud* exhibited during NIME (New Interface for Music Expression) Conference 2015 held at Louisiana State University. May 31 to June 3, 2015.

Glassell Gallery at the Shaw Center for Arts, Louisiana State University School of the Arts Baton Rouge, LA

A portion of the *Cloud* exhibited following NIME (New Interface for Music Expression) Conference 2015 held at Louisiana State University. June 3 to 30, 2015.

ICAT: *Open (at the) Source* at the Ruth C. Horton Gallery of Virginia Tech Center for the Arts

Blacksburg, VA

Cloud, an installation in collaboration with Ivica Ico Bukvic was one of two installations exhibited. April 23 to May 17, 2015.

Kibel Gallery at the University of Maryland School of Architecture, Planning & Preservation

College Park, MD

Solo exhibit of four recent installations by Aki Ishida, *Ground to Sky: Triptychs in Three Scales*. January 27 to May 30, 2015

Public Displays of Innovation at the Artisphere Work-in-Progress (WIP) gallery Arlington, VA

The *Cloud* exhibited in a group show. November 26, 2014 to January 18, 2015

Virginia Tech National Capital Region Research Center Arlington, VA

Cloud exhibited in the lobby. October 4 to 31, 2014

“100 Years of Student Drawings” exhibit at University of Minnesota College of Design

Centennial exhibit

Minneapolis, MN

Drawing from my 1995 Bachelor of Architecture Thesis was included the show at Ralph Rapson Hall in October 2013 and at Northrop Gallery from April 4 to June 29, 2014. One of 125 selected drawings from hundreds of alumni's work.

Group exhibit “Healthy Communities” at New York Design Center New York City

Project *Making the Giraffe Path* was one of eight projects included in an annual exhibition of work organized by desigNYC. Co-PI with Lynnette Widder of Columbia University. October 15, 2013.

***Skylight in Reverse and Tape Drawings* at Baer Art Center** Hosfos, Iceland.

Installation shown in a group exhibit. June 26, 2013.

PUBLICATIONS ON CREATIVE WORK

Brownell, Blaine. “Contemporary Glass: An Instrument of Light, Shadow, and Reflection.” Review of book *Blurred Transparencies* in *Architect Magazine*. May 2022.

https://www.architectmagazine.com/design/exhibits-books-etc/contemporary-glass-an-instrument-of-light-shadow-and-reflection_o

Studio L, *2020 Laskey Award*, Washington University in St. Louis, 2020. Compilation of essays and student work from the charrette I moderated in January 2020. Includes a reflective essay I was invited to write following the event.

Korth, Robby. “Va. Tech students, faculty develop dream Drillfield.” Story of smART field published in The Roanoke Times. May 7, 2017.

http://www.roanoke.com/news/education/higher_education/virginia_tech/virginia-tech-students-faculty-develop-dream-drillfield/article_9971be52-7024-5312-b3e8-36df5eecd65b.html

Open (at the) Source: Luminescent Forest and Cloud gallery guide for Ruth C. Horton Gallery, Moss Arts Center. Essays by Prof. R. Benjamin Knapp, Director of ICAT and Kari Zacharias, PhD student in Science and Technology Studies. 750 copies printed for distribution. May 2015.

“The Cloud Arises at Welburn Square.” *The Arlington Connection*. (October 8-14, 2014): 4.

- Landers, Carly. "Cloud." *Studio Collective* SA+D student publication. (Fall, 2014): 44-47.
- Madsen, Dean. "Lantern Field: Community Engagement with Lighting." *Architectural Lighting*. July/August 2013: 48.
- Allen, Mike. "Va. Tech architecture students create installation at Smithsonian." *The Roanoke Times*. May 5, 2013.
- "Smithsonian displays Virginia Tech student and staff art." Story about the *Lantern Field* installation aired on WLSL, local NBC TV station for Roanoke/Lynchburg area. 5pm on April 18, 2013 for 1:48 minutes.
- "Design Treatments for Cancer Care" Rhode Island School of Design. 8 March 2012.
<http://www.risd.edu/About/News/Designing_Cancer_Care/>
- [Prior to Virginia Tech]
- "Japanese Lanterns at NYC Benefit." *RISD XYZ*: Rhode Island School of Design, spring/summer 2011: 39.
- "Japanese Art to Offer Relief." Rhode Island School of Design. 7 April 2011.
<http://www.risd.edu/About/News/Japanese_Art.aspx>
- "Luminous Washi Lanterns exceed expectations." Concordia Language Villages. 27 April 2011.
<<http://news.villagepages.org/2011/04/27/luminouswashilanterns-exceed-expectations/>>
- "Parsons Provides Inspiration for Memorial Sloan-Kettering Cancer Center Alternate Design Models." *Interior Design Magazine* January 2010.
- Deitz, Paula. "I. M. Pei pairs Islamic tradition with monumental Modernism in the Museum of Islamic Art in Doha for an opulent collection of art and artifacts." *Architectural Record* August 2009.
- Ourousoff, Nicolai, "In Qatar, an Art Museum of Imposing Simplicity." *The New York Times*. November 23, 2008.
- Ourousoff, Nicolai. "For I.M. Pei, History is Still Happening." *The New York Times*. December 12, 2008.
- Woodcock, Johanne, ed. *WORK*. New York: Parsons the New School for Design, 2008, 07, 06. Featured Faculty for the years 2006/7
- Kuster, Elizabeth. "Green Grows in Brooklyn: Part VIII: The Natural Home Show House inspires the next generation of green builders." *Natural Homes Magazine* March-April 2008.
- Mack, Linda. "GLOBAL VILLAGE: The Authentic buildings at Concordia Language Villages create total cultural immersion." *MARQ*. February 10, 2008.
- Davis, Lisa Selin. "The Green House as Classroom." *The New York Times*. 20 December 2007.
- Marpillero, Sandro. *James Carpenter: Environmental Refractions*. Basel: Birkhauser Verlag, 2006.
- Schiowitz, Jana. "Back to School." *Hospitality Design Magazine*. July 2005.
- Vinoly, Rafael. *Rafael Vinoly*. New York: Princeton Architectural Press, 2002.
- "Carpenter Blue Glass Passage resembles "a transposed slice of water" thanks to new SentryGlas®" Dupont Safety Glass website. 2002.
- "Rafael Vinoly: Palmer Stadium." *Casabella* (December 1999-January 2000): 75-79.

Cheek, Lawrence. "From popcorn to pop art: Will Bruder transforms a Scottsdale, Arizona, cinema into a cultural landmark." *Architecture* June 1999: 78-83.

Bruder, William P. *Three Times Two*. Ann Arbor, MI: University of Michigan, College of Architecture + Urban Planning, 1999.

"Precast Superstructure Gives Princeton University Stadium Distinctive Flair." *PCI Journal* (May-June 1999): 26-36.

Branch, Mark Alden. "Rafael Vinoly: Princeton Stadium." *Architecture* Nov 1998: 118-123.

Muschamp, Herbert. "ARCHITECTURE; With the Spare, Sinewy Grace of an Athlete." *New York Times*. June 21, 1998.

Abstract 97/98. Columbia University, 1998. Works in studios of Greg Lynn, Lise-Anne Couture.

JURIES AND PANELS

AIA Ohio Design Awards 2023 Invited juror. September 2023.

ACSA Steel Competition 2021 Workplace Wellness student design competition. Juror. July 2021.

National Organization of Minority Architecture Students (NOMAS) Talk About It Panel discussion, "Finding your professional path." Invited panelist. 2021.

Ralph Rapson Competition, Minnesota Architectural Foundation Juror. April 2021.

Second year competition Juror for annual student competition. Spring 2021.

Fourth year competition Juror for annual student competition. Spring 2019.

National Endowment for the Arts, Our Town grants Panelist, fall 2018

Third year competition Juror for annual student competition. Fall 2017.

Women and Minority Artists and Scholars Lecture Series, Virginia Tech Panelist for grant application review. September 2016.

The Donald and Joanna Sunshine Architecture Alumni Fellow Award Panelist for grant application review. April 2016.

The Mitchel O. Carr Symposium: Creative Use of Wood in Design, Virginia Tech Juror for wood camper truck design build student competition. March 2016.

2015 AIAS Block Out student competition. Invited judge. April 21, 2015.

ACC Creativity and Innovation Grant, Division of Undergraduate Research. Review panelist. March 2015.

Women and Minority Artists and Scholars Lecture Series, Virginia Tech Panelist for grant application review. October 10, 2014.

National Endowment for the Arts, Art Works Panelist for Design category, fall 2014

National Endowment for the Arts, Art Works, Panelist for Presenting & Multidisciplinary Works category, summer 2014

NAEF Toy Competition, Virginia Tech Juror, 2014

2013 UNBUILT Competition, AIA Washington, DC Chapter Juror, 2013

2012 Pella Prize for best thesis project in School of Architecture + Design, Virginia Tech Juror, 2012

Design the 4th Bin Logo and E-cycling Bin Competition Juror, 2009

Storefront for Art & Architecture/Control Group Student Competition Juror, 2007

SELECTED SERVICE

Peer reviewer of article for *The Plan Journal*. Invited by Editor-in-Chief Maurizio Sabini, 2023.

Search Committee for College of Architecture, Arts, and Design Associate Dean of Creative Scholarship. Invited member, 2023.

Search Committee for College of Architecture, Arts, and Design Director of Communications. Invited member, 2023.

Search Committee for College of Architecture, Arts, and Design Dean. Invited member, 2022.

Peer reviewer of building technology book proposal for Routledge, New York. Invited by Lydia Kessell, Commissioning Editor of Architecture, 2022.

Peer reviewer of article for *Interiors: Design/ Architecture/ Culture* journal published by Routledge. Invited by Co-Editor Lois Weinthal, 2022.

College of Architecture & Urban Studies Executive Review and Leadership Engagement Committee. Appointed member. One of 8 representatives from CAUS appointed by Provost C. Clarke. December 2020 to 2022.

Search committee for Curator of the Moss Arts Center. Invited by Associate Provost for the Arts, Ruth Waalkes. Spring 2021.

External peer reviewer of dossier for Promotion to Professor of Practice. Sustainable Management Program at Columbia University. 2021.

External peer reviewer of dossier for Tenure and Promotion. University of North Carolina Charlotte. 2021.

Health and Design Faculty Group. Chair. Facilitated discussions among group of faculty who teach courses related to design and health. Aims to develop a curricular concentration area to study health and design in collaboration with other departments across the university. 2020-21.

External peer reviewer of dossier for Tenure and Promotion. University of Hawaii Manoa. 2022.

Creativity and Innovation District Living and Learning Community Strategic Advisory Board. Invited by faculty principal Tim Baird. Fall 2020 to present.

College of Architecture + Urban Studies Promotion and Tenure Committee. Elected member from Fall 2020 for a 2-year term.

Search Committee for School of Architecture + Design Architecture (IIHCC cluster hire) tenure track faculty. Invited member. Spring 2020.

Search Committee for School of Architecture + Design Interior Design tenure track faculty. Invited member. Fall 2019-Spring 2020.

Search Committee for School of Architecture + Design Director. Invited member. Fall 2019.

School of Architecture + Design Peer Review (Promotion and Tenure) Committee. Elected member. Fall 2018 to Spring 2020.

Virginia Tech Institute for Creativity, Arts and Technology (ICAT). Invited Senior Fellow. Spring 2018 to present (Previously a Fellow from Fall 2015 to Fall 2018, a Faculty Affiliate from Spring 2012 to Spring 2015).

Search Committee for Virginia Tech Honors College Calhoun Discovery Program faculty. Invited member. Fall 2018.

Virginia Tech Experiential Learning Envisioning Committee. Invited member. 2017-2018.

Search Committee for College of Architecture + Urban Studies Dean. Appointed member. 2016-17.

Beyond Boundaries Advisory Group to advise Virginia Tech President Timothy Sands on future vision of the university. Invited member (one of 12 faculty). July 2016-18.

Campus of the Future committee in Virginia Tech Beyond Boundaries university visioning initiative. Invited member. 2015-16.

Virginia Tech Strategic Growth Area: The Creative Technologies and Experiences. Steering group invited member. 2016.

School of Architecture + Design in the University Faculty Senate. Elected representative. Fall 2013 to Spring 2015.

MacDowell Colony Fellows Executive Committee. Invited member. 2004-05