JESSE LECAVALIER

LECAVALIER **R+D**
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CV

EDUCATION

Formal Education

2012   Doctor of Sciences, ETH Zurich

2003   Master of Architecture, University of California, Berkeley

1999   Bachelor of Arts, May 1999, Brown University, magna cum laude

Other Education or Special Courses

2000   International Laboratory of Architecture and Urban Design, Venice.

EXPERIENCE

Academic Appointments

2019   Associate Professor, Daniels Faculty of Architecture, University of Toronto.

2019–
2017   Daniel Rose Visiting Assistant. Professor, Yale School of Architecture.

2018   Associate Professor, New Jersey Institute of Technology.

2018–
2012   Assistant Professor, New Jersey Institute of Technology.

2018   Visiting Critic, GSAPP, Summer 2018 (w/ Tei Carpenter)

2018–
2016   Visiting Critic, Cornell NYC AAP, Summers 2016-2018 (w/ Tei Carpenter)

2012   Senior Researcher, ETH Future Cities Laboratory Singapore.

2011–
2010   Walter B. Sanders Fellow, University of Michigan.

2007–
2006   Visiting Critic, Oberlin College, Winter Term.

2009–
2005   Scientific Assistant, ETH Zurich.

Non-academic Employment

2016–   Principal, LECAVALIER R+D, 2016 – present

2005–
2003   Junior designer, agps.architecture (Marc Angélil and Sarah Graham).

HONORS, AWARDS, EXHIBITS, REVIEWS

Honors, Awards

2020   *Alimentary Urbanism*, Finalist, Sudbury 2050 Urban Design Ideas Competition.

2019   *Tromsø Distributed Observatory*, Finalist, Tromsø Waterfront Laboratory Open Call (with Tei Carpenter).

2018   *SHELF LIFE*, finalist and runner-up, MoMA PS1 Young Architects Program

2017   Schindler Global Award 2016-17, international student design competition, Academic Supervisor for second honorable mention.

2014   ACSA New Faculty Teaching Award, Association of Collegiate Schools of Architecture.

2013   Core77 Design Awards 2013, Professional Winner in Writing & Commentary category, 2013.

2012   Poiesis Fellowship, Institute for Public Knowledge, New York University & BMW Foundation, 2010-2012.

2011   Nearly 100 Fantastic Pieces of Journalism, "All Those Numbers" recognized by *The Atlantic*, May 04, 2011.

2010   Walter B. Sanders Fellowship, Taubman College of Architecture and Urban Planning, University of Michigan, 2010-2011.

2002   John K. Branner Traveling Fellowship, University of California, Berkeley, 2002.

2001   Norman W. Patterson Prize, University of California, Berkeley, 2001.

2000   Paul Braun Fellowship, University of California, Berkeley, 2000.

Exhibits

2021   A Section of Now: Social Norms and Rituals as Sites for Architectural Intervention, Center for Canadian Architecture (CCA), November 02, 2021-April 24, 2022.

2020   Fulfilled Exhibition, Knowlton School of Architecture, OSU, February 10-27, 2020.

2020   lanscapes-of-fulfillment.org

2019   "Intentional Estates Agency," Oslo Architecture Triennale, September 26-November 24 (with Tei Carpenter, Dan Taeyoung, and Chris Woebken).

2018   "Young Architects Program 2018," MoMA, June 28 - August 31, 2018.

2017   Architectures of Fulfillment," Seoul Biennale for Architecture and Urbanism, curated by Alejandro Zaera-Polo, Hyungmin Pai, Seoul, September 02 to November 05, 2017. (1 of 40 international architects selected by the curators)

2011   Big Plans: 2010-2011 Fellows Exhibition, Taubman College, University of Michigan, April 2011

Reviews of Scholarly or Creative Work

2019   Dara Orenstein, "The Rule of Logistics: Walmart and the Architecture of Fulfillment by Jesse LeCavalier (review)" *Enterprise & Society*, Volume 20, Number 3, September 2019, pp. 746-748.

2018   Michael Piper, "Reviews: Books: The Rule of Logistics: Walmart and the Architecture of Fulfillment," *Journal of Architectural Education (JAE) online*, June 28, 2018.

2018   Ignacio G. Galán, "Book, exhibition and film reviews: Logistics and the architectures of the American territory," *The Journal of Architecture*, March 2018.

2018   Daniel A. Barber, "Rule of Logistics: Walmart and the Architecture of Fulfillment by Jesse LeCavalier (review)" *Technology and Culture*, Volume 59, Number 4, October 2018, pp. 995-997.

2018   Mark Gillem, "Jesse LeCavalier, The Rule of Logistics: Walmart and the Architecture of Fulfillment," *Buildings & Landscapes* 25, no. 1, Spring 2018, pp. 112-114.

2018   Julie L. Cidell, "Review of The Rule of Logistics: Walmart and the Architecture of Fulfillment," *The AAG Review of Books* 6(1) 2018, pp. 25–26.

2017   Kazys Varnelis, "What can architects learn from Walmart's fulfillment centers?" *Architect's Newspaper*, September 7, 2017.

2017   Mariana Mogilevich, "Little Black Boxes," *Urban Omnibus*, June 22, 2017.

2017   Gale Fulton, "From There to Here," *Landscape Architecture Magazine*. June 2017, 144-152.

2017   Jean-Paul Rodrigue, "A review of The Rule of Logistics: Walmart and the Architecture of Fulfillment by Jesse LeCavalier," *Economic Geography* 00(00): 1-3, published online: 02 May 2017.

2017   Harold Henderson, "Tangling with Logistics," *Planning*, January 2017, 62.

SCHOLARLY AND CREATIVE ACTIVITIES

Authored Books

2016   *The Rule of Logistics: Walmart and the Architecture of Fulfillment*, University of Minnesota Press, 2016.

2009   John Harwood, Jesse LeCavalier, Guillaume Mojon, *Standpunkte One: This Will ___ This*. Standpunkte, 2009, 96.
(Jointly authored, authors listed alphabetically)

Book Chapters

Published

2019   "Para-logistics and Useless Inhabitation," *Aesthetics and Politics of Logistic*s, eds. H. Khosravi, T. Bacchin, F. Lafleur, Humboldt Books, 2019.

2019   "Shell Games," *Steel Cities: The Architecture of Logistics in Central and Eastern Europe*, eds. Kateřina Frejlachov, Miroslav Pazdera, Tadeaš Řiha, Martin Špičak, Park Books AG, 2019, 164-175.

2017   "Between Friction and Fulfillment," *Imminent Commons: The Expanded City*, eds. Alejandro Zaera-Polo and Jeffrey Anderson, ACTAR, 2017, 270-283.

2017   "The Restlessness of Objects," *Imminent Commons: Urban Questions for the Near Future*, eds. Alejandro Zaera-Polo, Hyungmin Pai, urbanNext, ACTAR, 2017.

2017   Jesse LeCavalier with Jason Young, "The Metropolitan Relational Matrix," *Infrastructure Space*, eds. Andrea and Ilka Ruby, Ruby Press, 2017, 30-34.

2017   "Flooded with Redundancy," *GSD Studio Report: Jakarta: Models of Collective Space for the Extended Metropolis*, eds. Felipe Correa, Clayton Strange-Lee, Devin Dobrowolski, Harvard University Graduate School of Design Publications, 2017, 102-106.

2016   "Stuff During Logistics," *Áftèř Beļòñgínĝ: The Objects, Spaces, and Territories of the Ways We Stay in Transit*, eds. Lluís Alexandre Casanovas Blanco, Ignacio G. Galán, Carlos Mínguez Carrasco, Alejandra Navarrette Llopis, and Marina Otero Vezier, Lars Mueller Publishers, 2016, 116-125.

2016   Nerea Calvillo, Orit Halpern, Jesse LeCavalier, Wolfgang Pietsch, "Test-Bed as Urban Epistemology," *Smart Urbanism*, eds. Simon Marvin and Andres Luque-Ayala, Routledge, 2016. (Jointly authored, authors listed alphabetically)

2014   "Walmart and the Architecture of Logistics," *The Architecture of Industry*, ed. Mathew Aitchison, Ashgate Press, 2014, 87-108.

2013   "Robert Owen's Utopian Machine," *Collectivize!*, eds. Marc Angélil and Rainer Hehl, Ruby Press, 2013, 73-96.

2010   "Let's Infratecture!," *Infrastructure as Architecture: Designing Composite Networks*, ed. Katrina Stoll, Jovis Verlag, 2010, 100-111.

2009   "Beans or Butterflies," *Cities of Change: Addis Ababa*, eds. Marc Angélil and Dirk Hebel, Birkhäuser, 2009, 176-181.

2008   "Flopping," *Deviations: Designing Architecture, A Manual*, eds. Marc Angélil and Dirk Hebel, Birkhäuser, 2008, 27-30.

2008   "Re:Format," *Deviations: Designing Architecture, A Manual*, eds. Marc Angélil and Dirk Hebel, Birkhäuser, 2008, 530-573.

2008   "Wal-Martians: Wal-Mart's Servo-Organism," *Media and Urban Space: Understanding, Investigating and Approaching Mediacity*, ed. Frank Eckardt, Frank & Timme GbmH, 2008, 83-104.

     <u>In press / Under review</u>

     "New Interfaces in the Automated Landscapes of Logistics," *Logistics Critical Theory of Flows and Cosmography* (XXI Century Science), Armen Avanessian, Werner Boschmann and Karen Sarkisov, eds., Sternberg Press, 2021 (in press, other contributors include Charmaine Chua, Deborah Cowen, Keller Easterling, Peter Klaus/Stefanie Müller, and Anna Tsing).

     "A New Food Utility," *A Section of Now: A section of Now: Norms and Rituals as Sites for Architectural Intervention*, ed. Giovanna Borasi, CCA Montreal / Spector Books, 2021 (in press).

     "Natures of Fulfillment," *Fulfilled*, ed. Ashley Bigham, ORO Editions, 2021 (in production).

     "Walmart Plots," *After Empirical Urbanism*, eds. Michael Piper and Richard Sommer (invited chapter submitted, editors in discussions with publishers).

     "The Geographical Architecture of Walmart," *Architecture and Geography*, eds. Stephen Cairns and Jane M. Jacobs, Routledge, (invited contribution submitted, awaiting feedback).

Refereed Journal Articles / Conference Papers

2021   "New Resources: Logistical Vision and Planetary Transformation," proceedings for Deep City: Climate Crisis, Democracy, and the Digital, EPFL Lausanne (in progress), peer reviewed.

2018   "Imminent Landscapes of Automation," Session Proposal, 18th National Conference and Global Forum: The Science, Business, and Education of Sustainable Infrastructure, National Council for Science and the Environment.

2018   "Tender Processes" ACSA Fall Conference: PLAY with the Rules, 2018, peer reviewed.

2017   Tei Carpenter and Jesse LeCavalier, "Irrational Management: Design for and Against Nature," ACSA Regional Conference, 2017, peer reviewed.

2017   "Reading the Logistical Surface," conference proceedings for the 105th ACSA Annual Meeting, 2017, peer reviewed.

2013   Nerea Calvillo, Orit Halpern, Jesse LeCavalier, Wolfgang Pietsch, "Test Bed Urbanism," *Public Culture*, 25:2, Spring 2013, 273-306, peer reviewed. (Jointly authored, authors listed alphabetically)

2010   "All Those Numbers," *Places: Forum of Design for the Public Realm*, May 2010, placesjournal.org, editor reviewed.

2010   "Business with Pleasure," Flip Your Field: ACSA Central Fall Conference, Chicago, IL, 2010, peer reviewed.

Invited / Non-refereed Journal Articles and Papers

2021   "Scan, Label, Apply, Manifest," *RM1000 08: Magic*, May 2012, 54-63, invited. (with Tara Shi and Athena Do)

2021   "In Media Res: From Position to Provision" *Thresholds 49: Supply*, April 2021, 95-102, editorial review.

2020   Contribution to "Field Notes on Pandemic Teaching: 5," *Places: Forum of Design for the Public Realm*, April 2020, placesjournal.org, invited*.*

2019   "Human Exclusion Zone," *AD Machine Landscapes: Architectures of the Post Anthropocene*, eds. Liam Young, Feb. 2019, invited.

2019   "Some Degrowth Portfolios," PIDGIN 26, Princeton School of Architecture, 2019, 188-210. (with Tei Carpenter, Dan Taeyoung, Chris Woebken), invited.

2018   "New Interfaces in the Automated Landscapes of Logistics," *Footprint 23: The Architecture of Logistics*, eds. Negar Sanaan Bensi and Francesco Marullo, 12:2 Autum / Winter 2018, 105-114, invited.

2017   "Information Material," *Harvard Design Magazine 43: Shelf Life*, 2017, 194-195, invited.

2016   "Deposition Effects," *Volume 47: The System**, Spring 2016, 99-100, invited.

2015   "Logistics Makes the World," *Art Papers*, January / February 2015, 14-21, invited.

2012   Walmart's Catalytic Urbanism," *AD: City Catalyst,* September / October 2012, 26-35, invited.

2012   "The Restlessness of Objects" in *Cabinet 47: Logistics* (Fall 2012), 90-97, invited.

2011   "BMW Stiftung Spotlight: Poiesis Fellow Interview," BMW Foundation website, November 2011, invited.

2011   "Entrevista," *ARQA: Arquitectura e Arte*, September / October 2011, 36-38, invited.

2011   Nerea Calvillo, Orit Halpern, Jesse LeCavalier, Wolfgang Pietsch, *Milgram 01*. Newspaper published through the Poiesis Fellowship, Institute for Public Knowledge, New York University, 2011. (Jointly authored, authors listed alphabetically)

2011   "Networks of Architecture: Keedoozle and Walmart," *MAS Context 09: Networks*, Spring 2011, 110-123, invited.

2010   "DC on Wheels," *Pidgin 09*, 2010, insert.

2010   "DC on the High Seas," *306090 13: Sustain and Develop*, Princeton Architectural Press, 2010, 229, invited.

2009   "The Mormon Church's Infrastructure of Salvation," *MONU 10: Holy Urbanism*, March 2009, 82-89, editor reviewed.

2008   "Location, Location, Location: Wal-Mart's Quest to Conquer Vermont,"
        Architecture & Property, Winter 2008, editor reviewed.

2007   "Interview with William Correll, Architect of Wal-Mart," *archithese*,
        November/December 2007, invited.

2007   "Flopping: Techniques of Production / Production of Techniques," *ETH D.Arch.
        Yearbook*, Fall 2007, invited.

2007   "Mutants and Weak Experiments: Two Houses in LA," *archithese*, May/June 2007,
        invited.

Lectures and Presentations

Keynote and invited lectures

2021   "'Cube,'" Politecnico di Milano, Pier Paulo Tamburelli, April 16, 2021.

2021   "Architectures of Position and Provision," ETSA Madrid, Lluis Rojo, April 14, 2021.

2021   Thresholds 49: Supply, Launch event, April 01, 2021

2021   "New Resources: Logistical Vision and Planetary Transformation," Deep City:
        Climate Crisis, Democracy, and the Digital, EPFL Lausanne, March 24, 2021.

2020   "Landscapes of Fulfillment," Fall 2020 Architecture Lecture Series, University of
        Texas School of Architecture, Austin, September 23, 2020.

2020   "Post-F(r)ictions," CANActions School Online TALKS (with Deborah Lopez, Hadin
        Charbel / PAREID), April 23, 2020.

2020   "Landscapes of Fulfillment" Cleveland Urban Design Collaborative, College of
        Architecture & Environmental Design, Kent State University, April 14, 2020.

2020   "Ten Claims About Logistics," Landscape Core IV Studio on the Near-Future City,
        Harvard, GSD, January 28, 2020.

2019   "Current work," Fall 2019 Architecture Lecture series, University of California
        Berkeley, October 23, 2019.

2019   "Surplus Form," Architectures of Global Commodity Production, TU Berlin,
        September 28, 2019.

2019   "Landscapes of Fulfillment," Columbia GSAPP Fall 2019 Lecture series, Columbia
        University September 16, 2019.

2019   "The Architectures of Fulfillment," Keynote for exhibition opening, Black Cube
        Nomadic Art Museum, September 14, 2019.

2018   "Infrastructure Imaginaries: Why Need to Analyze Everyday Life," Strelka Institute,
        December 02, 2018.

2018   "The Rule of Logistics: Walmart and the Architecture of Fulfillment," Taubman
        College Emerging Voices Lecture, University of Michigan, October 24, 2018.

2018   "Architecture, Infrastructure, and Logistics," Universidad Torcuato di Tella, Buenos
        Aires, March 16, 2018, invited lecture.

2018   "Landscapes of Fulfillment," Slipo Art and Art History Lecture Series, Wesleyan University, February 28, 2018.

2018   "Infrastructure and Logistics," Design IV, The Cooper Union Irwin S. Chanin School of Architecture, Nader Tehrani & Jaffer Kolb, February 14, 2018, invited lecture.

2017   "Logistics and Urban Polarities," Theories of Methods in Urban Design, University of Michigan, Maria Arquero De Alarcon & McLain Clutter, invited lecture.

2017   "Cargo," Princeton Mellon Initiative: Infrastructure and Materiality, Princeton University, November 15, 2017, invited lecture.

2017   "Walmart and the Transformation of the American Landscape," Landscape Architecture Common Lectures, Rutgers University, November 08, 2017, invited lecture.

2016   "Commoning Logistics," Urban Mutations on the Edge Lecture Series, ETH Zurich, November 2016, invited lecture.

2016   "Logistics and Stuff," Ephemera: Cultures of Design and Disposability, The New School, Prof. Christina Moon, October 2016, invited lecture.

2016   "Walmart Plots," Vassar College Urban Studies, April 2016, invited lecture.

2015   "Uber Urbanism," Daniels Fora, Daniels Faculty of Architecture, University of Toronto, October 2015, public lecture and discussion with audience of ~500.

2015   "Landscapes of Fulfillment," Indexical Landscapes Symposium, Art Center College of Design, Pasadena, October 2015, invited.

2015   "Walmart and the Architecture of Logistics," Daniels School of Architecture, University of Toronto, February 2015, invited.

2014   "Walmart and the Architecture of Logistics," Hagley Museum & Library Research Seminar, Hagley Museum & Library, Wilmington, DE, November 2014, invited.

2014   "Making the World Work," The Five Thousand Pound Life: LAND, The Architectural League of New York, September 2014, invited.

2013   "Walmart and the Architecture of Logistics," The Berlage Center for Advanced Studies in Architecture and Urban Design, 2013-14 Lecture Series, Delft, April 2014, invited.

2014   "Histories of Data Architectures," lecture and participant in keynote discussion, Pratt Institute, March 2014, invited.

2013   "2 or 3 Things About Infrastructure," presented at the inaugural Planning and Land Use Summit, sponsored by the Leadership for Urban Renewal Network, Inc., Los Angeles, June 2013, invited.

2013   "Low Def Architecture," Think Pieces, NJIT, January 2013.

2012   "Test Bed Urbanism," 2nd Annual Future Cities Lab Conference: Territorial Encounters, Zurich, September 2012, invited.

2012   "A Report from New Songdo City," Future Cities Laboratory, Singapore, July 2012, invited.

2012 "The Rule of Logistics," Future Cities Laboratory, Singapore, June 2012, invited.

2011 "All Those Numbers, Making Future Cities," inaugural conference for Future Cities Laboratory, Singapore, September 2011, invited.

2011 "On the Political Economy of Territory," introduction to session for Making Future Cities, Singapore, September 2011, invited.

2011 "Milgram 01: Digital Infrastructure," BMW Guggenheim Lab, New York, August 2011, (with Poiesis Fellowship).

2011 "Prototopia," Urban Mutations on the Edge Lecture Series: Cooperate!, ETH Zurich, May 2011, invited.

2011 "Big Plans," 2011 Walter B. Sanders Fellowship Lecture, University of Michigan, April 2011.

2011 "Infrastructure, Walmart, Utopia," Global Café Lecture Series, Institute for Public Knowledge, New York University, February 2011, invited.

2010 "Graft / Host," Informal Cities Colloquium in conjunction with Urban China exhibition, MOCA, Chicago, October 2010, invited.

2010 "Walmart, Logistics, and Territory," Guest Lecture, Logistikbauten, Prof. Laurent Stalder, ETH Zurich, March 2010.

2009 "Research in Progress," Intermediate 1: The Lost Highway, Architectural Association, November 2009, invited.

2009 "All Those Numbers," Topic Studio Group Lecture Series, USC, November 2009, invited.

2009 "Wal-Mart and Infrastructure," Visualizing Infrastructure Lunchtime Lectures, NJIT, October 2009, invited.

2009 "The System is Constantly Moving," Pecha Kucha Lausanne No. 1, Lausanne, May 2009, invited.

2009 "Work in Progress," School of Architecture, University of Illinois Chicago, January 2009.

2009 "Transbuildings," Cash and Carry Symposium, TU Munich, December 2008, invited.

2008 "Location, Location, Location," Standpunkte Lecture Series, Basel, October 2008, invited.

<u>Conference presentations</u>

2021 "New Resources: Logistical Vision and the Transformation of Life," Deep City: Climate Crisis, Democracy, and the Digital; 2020-21 International LATSIS Symposium, EPF Lausanne, March 24-27, 2021.

2020 "Fulfillment Landscapes," Fulfilled Symposium, Knowlton School at The Ohio State University, February 21-22, 2020.

2018   "Tender Processes," ACSA Regional Conference, October 2018, peer reviewed conference.

2017   Tei Carpenter and Jesse LeCavalier, "Irrational Management: Design For and Against Nature," ACSA Regional Conference, October 2017, peer reviewed conference.

2017   "Reading the Logistical Surface," ACSA National Conference, March 2017, peer reviewed conference.

2017   "Means not Ends," The Logistical City, UIC Institute for the Humanities Cutting Edge Initiative 2016-17 Colloquium, February 2017, invited participant.

2016   "Logistics and Territorial Form," The Arts of Logistics, Queen Mary University London, June 2016, peer reviewed conference.

2015   "Logisticality and Territorial Form," Turbulent Circulation: Toward a Critical Logistics, academic workshop hosted by the University of Toronto, October 2015, invited.

2015   "Territorial Form and the Logistical," Territorial Image Session, Annual ACSA Conference, March 2015, peer reviewed conference.

2015   "Walmart Plots," Post Empirical Urbanism Conference, Daniels School of Architecture, University of Toronto, February 2015, invited.

2014   "The Infrastructural Buildings of Walmart and the Mormon Church, The Politics of Urban Religious Architecture Conference," The Royal Netherlands Academy of Arts and Sciences, Amsterdam, October 2014, invited.

2013   "Walmart and the Architecture of Logistics," 66th Annual Conference of the Society of Architectural Historians, Buffalo, NY, April 2013, peer reviewed conference.

2013   "Walmart and Logistics," AIA NJ Spring Symposium: Distributed Intelligence, NJIT, March 2013.

2011   "Elastic Territory," The Lean Years Conference, Univ. of Michigan, March 2011.

2011   "Business with Pleasure," 2011 ACSA Annual Conference, Montreal, Quebec, February 2011, peer reviewed conference (best of West Central Fall Conference)

2010   "Business with Pleasure," 2010 ACSA West Central Fall Conference, University of Illinois, Chicago, October 2010, peer reviewed conference.

2009   "Throw the Bums Out!," IFOU: The New Urban Question, TU Delft, November 2009, peer reviewed conference.

2009   "It Never Stops…," Buell Dissertation Colloquium, Columbia University, April 2009, peer reviewed colloquium.
2008   "Extra-Medium, Supra-Medium, Infra-Medium," Analogous Spaces Symposium, University of Gent, May 2008.

2006   "Wal-Mart's Servo-Organism," MediaCity Conference, Bauhaus University, Weimar, November 2006.

2017   "Book Logistics," invited presentation for the course FUTUREBOOK, NJIT CoAD, October, 2017. Augustus Wendell, instructor.

2017   "The Rule of Logistics," Littman Library Author Book Talk series, NJIT CoAD Barbara & Leonard Littman Library, October 2017.

2017   "Architecture and Fulfillment," invited presentation for the course Ethnographic and Market Research, NJIT CoAD, October, 2017. Gretchen von Koenig, instructor.

2016   "The Rule of Logistics," Logistics, Flow, and Contemporary Urbanism: A conversation with Keller Easterling, Jesse LeCavalier, and Clare Lyster, Cabinet, November, 2016. Panel discussion related to recently released books.

2016   "How much of the city to we own?," Oslo Architecture Triennale + the Tomorrow, September 2016, panelist.

2014   "OfficeUS 25 Issues Talks: Big Box Rules & Network Patents, US Pavilion," 14th International Architecture Exhibition, la Biennale de Venezia, June 2014, invited panelist.

2014   "Collect Them All: Walmart's Corporate Artifacts and Spatial Imagination," Resource Histories, an Aggregate *Plots* Symposium, Pratt Institute and Syracuse University Fisher Center, March 2014, invited.

2009   "Urban Islands," Open City Symposium, ETH Zurich, March 2009 (moderator of panel including Gerald Frug and Marc Angélil).

GRANTS AND CONTRACTS

Grants and Contracts: Ongoing and Awarded

Federal

2020   Connections Grant, "Graphic Content: Design as Method," Social Sciences and Humanities Research Council (SSHRC), CAD 24,000.

2010   Two-year Research Grant, Swiss National Science Foundation, Bern, Switzerland, CHF 100,000, 2008-2010 (SNF No.: 100013_122404/1).

State

2016   PI, NJIT University Seed Grant, "Support for the creation of the CoAD Urban Metabolism Lab," $7500.

2014   PI, New York State Council for the Arts, "Public Facility Meadowlands," $10,000.

Private foundation

2014   Graham Foundation Grant to Individual, "The Rule of Logistics," $5,000.

Grant Proposals Pending

2022   Graham Foundation Grant to Individual, "The Agency of Drawing" (in development).

Grant Proposals Declined

2021   Graham Foundation Grant to Individual, "Meadowlands as Metabolic Logistical Landscape."

2020   PI, University of Toronto COVID-19 Action Initiative, "The Latent Potential of Logistical Networks in Urban/Sub-urban Resilience Retrofits."

2017   PI, National Science Foundation, "Investigating the Impact of Automation on Land Use."

2017   CP, "A Region Transformed," Submission to the RPA 4th Regional Plan Design Competition, 2017.

2016   CP, "Automation as a Source of Conflict: A comparative geo-spatial analysis of trans-border transformations in labor, land use, and demographics," Minerva Institute Research Opportunity WHS-AD-FOA-16-01, white paper, 2016.

2014   PI, Harvard GSD Wheelwright Prize, 2014. (Nominated to apply)

2014   CP, NJII / Smart / NJIT / AECOM / Sabre Systems, Dakar Tramway Feasibility Assessment and Strategic Plan RFP, 2014.

2013   I, Rebuild By Design: Hurricane Sandy Regional Planning and Design Competition, NJIT Center for Resilient Design, 2013.

TEACHING ACTIVITIES

Courses

Daniels Faculty of Architecture, University of Toronto
ALD4040 – Research Theories and Methods, 2021
ALD4030 – PhD Colloquium, 2020
ARC0253 – Close Readings in Urban Design, 2019–2021
ARC3010 – Graduate Seminar on Logistics and Urbanism 2019

Yale School of Architecture
ARCH 1022 – Urbanism Studio, 2019
ARCH 4240 – Landscapes of Fulfillment, 2018-2019
ARCH 0362 – Urban Lab II: Becoming Urban, 2018

College of Architecture and Design, NJIT
MIP 675 – Infrastructural Imaginaries (in conjunction with Buell Center)
MIP 631 – History and Theory of Infrastructure (seminar)
MIP 601 – Urban Design Studio (studio)
ARCH 563 – Integrated Architectural Design (studio)
ARCH 534 – History and Theory of Architecture and Technology (seminar)
ARCH 464 – Special Topics in Architectural Design (studio)
ARCH 164 – Introduction to Architectural Design II (studio)
ARCH 163 – Introduction to Architectural Design I (studio)
Taubman College, University of Michigan
UG3 - UN/WANTED (upper level undergraduate design studio)
UG4 - LOOSE FORM (upper level undergraduate design studio)

ETH Zurich
Urban Mutations on the Edge (research seminar as part of Master of Advanced Study in Urban Design), 2008-09

First Year Design Course, 2005-2008

Student supervision

PhD, University of Toronto

> Kanwal Aftab, "The Cold War and Landscape Pedagogies," 2021.
> Qingyun Lin, "Informality, Technology, and Logistics in PRD Urban Villages," 2021.

Post-professional, University of Toronto

> Pooja Satish, "Material Threads: The Afterlife of Hospitality Interiors," 2020-21.
> Batoul Faour, "Beirut's Politics of Glass," 2020-21 (secondary advisor).
> **(*The Avery Review* Essay Prize winner, 2021)**

Bachelor of Architecture Thesis, New Jersey School of Architecture

> Guanyi Chuah, Alexis Luna, Chit Yee Ng, "Future Foods: From Disposal to Production," 2017-18.
> **(Dept. of Architecture Thesis Prize, NJIT, 2018.)**

> Stephanie Tran, "Inhabiting the Infrastructural Margin," 2016 – 17.
> **(Dept. of Architecture Thesis Prize, NJIT, 2017.)**

Curriculum Development

New courses developed

AC253: Close Readings in Urban Design (Daniels Faculty, University of Toronto)

> Close Readings in Urban Design examines the ways that cities are imagined, designed, and developed. Through a series of themes, the course explores various ideas of what it might mean to "design" the urban. The course takes a broad view of urban design and considers its disciplinary roots as one of many ways that design projects for the city emerge. In other words, the course does not assume a stable idea about what urban design is, who urban designers are, or, indeed what the "city" is. As notions of urbanism expand rapidly and as we become more attuned to these different forms and dynamics, the course suggests that a broad and flexible approach to urban design will become increasingly necessary.

ARCH 4240: Landscapes of Fulfillment (Yale School of Architecture)

> This seminar investigates the ways in which the logistics industry is transforming the built environment. Once the domain of the industrial engineer or the quartermaster, logistics now affects increasingly large areas of everyday life, including significant aspects of architecture and urbanism. Through readings, discussions, and case studies, we examine the historical and theoretical sources of logistics before looking more closely at a series of corporate actors that define themselves through logistics in significant ways, including Walmart, Amazon, IKEA, and Tesla. Through these discussions, the seminar engages debates related to infrastructure, automation, mobility, policy, publicness, labor, and aesthetics.

> https://landscapes-of-fulfillment.org/

MIP 675: Infrastructure Imaginaries (NJIT in conjunction with Buell Center)

Infrastructural systems are not merely technical but also capable of generating desire and fantasy. This seminar explores the way in which infrastructure might occupy these multiple (and at times competing) roles in order to better understand how it has been thought of historically, how it is thought of now, and how it might be thought of otherwise going forward. A series of case studies focus on the ways infrastructure shapes the built environment through the mediation of resources, including water, waste, and energy. The course is particularly interested in investigating and developing a heuristics of infrastructure, i.e. ways we might engage it as designers through, for example, its aesthetic dimensions and systematic qualities.

MIP 631: History and Theory of Infrastructure (NJIT)

History and Theory of Infrastructure: Infrastructure Space uses contemporary issues in urban design and planning to investigate the nature and agency of infrastructure at a range of scales. Presenting infrastructural networks as large socio-technical systems, the course helps students understand the larger context into which such systems are embedded. Through readings, discussions, a series of short investigative assignments, and a larger research project, students should leave the course with a deeper historical understanding of infrastructure systems but also with an increased sensitivity to contemporary urban, environmental, and spatial issues.

Architecture 534: History of Architectural Technology: Situating Architecture in the Technological (NJIT)

This seminar engages key thinkers, writers, designers, movements, and environments implicated in architecture's changing relationship to technology in the 20th and 21st centuries. Through readings, discussions, and research assignments, participants are asked to examine the complex interconnections between the built environment and the technological systems that support it. Each session focuses on a range of thematic concerns to ask how each might illuminate aspects of the built environment as they pertain to technology.

SERVICE ACTIVITIES

Daniels Faculty of Architecture, University of Toronto

Activity: PhD Program in Architecture, Landscape, and Design
Role: Director
Period: 2019–2021

Activity: Research Committee
Role: Member
Period: 2020–2021

Activity: Promotion and Tenure Review Committee
Role: Member
Period: 2020–2021

Activity: Publications Committee
Role: Member
Period: 2020–2021

Activity: Part Time / Sessional Review Committee
Role: Member
Period: 2020–2021

Activity: Visual Studies Faculty Search Committee
Role: Member
Period: 2020–2021

Activity: Forestry Economics Faculty Search Committee
Role: Member
Period: 2020–2021

Activity: Faculty Leadership Committee
Role: Member
Period: 2019–2021

Activity: Public Programming Committee
Role: Member
Period: 2019–2021

Activity: Curriculum Committee
Role: Member
Period: 2019–2021

New Jersey School of Architecture, NJIT

Activity: Lecture series committee
Role: Member
Period: 2018

Activity: Search committee for Dean of the College of Architecture and Design
Role: Member
Period: 2017–2018

Activity: Search committee for Dean of the School of Management
Role: Member
Period: 2014–2015

Role: School of Architecture Special Topics Studio Coordinator
Period: Summer 2015–2018

Role: Faculty Advisor, AIAS NJIT Chapter
Period: 2015–2018

Activity: School of Architecture Curriculum Committee
Role: Member
Period: Spring 2013–2018

Activity: Super Jury Organization Sub-committee
Role: Member
Period: 2014–2018

Activity: Faculty Search for Positions in Design & Technology
Role: Member
Period: 2015–2016

Role: School of Architecture First Year Coordinator
Period: Fall 2013–Spring 2015
Activity: Faculty Search for Position in Urban Design / Infrastructure
Role: Chair
Period: Academic Year 2013–14

Activity: Faculty Search Committee for Position in Industrial Design
Role: Member
Period: Academic Year 2013-14

Peer reviewing activity

2020   Manuscript Referee, University of Minnesota Press.

2020   External Review for faculty candidate, Yale School of Architecture.

2018   Referee, ACSA 2018 Fall Conference, Milwaukee, October 11-13.

2016   Referee, funding proposal, Netherlands Organization for Scientific Research.

2015   Referee, *The Fibreculture Journal*, November 2015.

2013   Reviewer for tenure application for faculty member, University of Detroit Mercy.

Editorial / Other Activities

2021   Organizer, *Graphic Content: Drawing as Method*, International Symposium, University of Toronto John H. Daniels Faculty, March 26-27, 2021.

2020   Jury member, ADAPT: Alternative Design After Pandemic Times Competition.

2020   Jury member, Holcim Awards for Sustainable Construction North America.

2016   Workshop organizer, "Infrastructure Space: Holcim International Forum for Sustainable Construction," Detroit, April 2016.

2015   Thesis Awards Jury, University of Tennessee, Knoxville, 2015.

Invited critic for studio reviews:

Architectural Association London
Brown University
City College New York
Columbia University GSAPP
Cornell University AAP
Cooper Union
EPF Lausanne
ETH Zurich
Harvard Graduate School of Design
Iowa State University
Hongkik University, Seoul
MIT
The Ohio State University
Portland State University
Pratt Institute

Princeton University
Syracuse University
Rensselaer Polytechnic Institute
Rice University
Temple University Rome
University of California, Berkeley
University of California, San Diego
University of Detroit, Mercy
University of Kentucky
University of Illinois Chicago
University of Illinois Urbana-Champaign
University of Michigan
University of Pennsylvania
University of Southern California
University of Tennessee, Knoxville
University of Texas, Austin
University of Toronto
Washington University, St. Louis
Woodbury University
Yale University