

**Zachary Mollica**  
MArch (Dist.), BEDS

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## Academic Appointments

- 2024–25 **Assistant Professor, Daniels Faculty** – University of Toronto (Toronto, CA)  
Part-time (30%) teaching stream appointment at the Daniels Faculty following the completion of two-year Emerging Architect Fellowship. Currently assigned to teaching in the school's undergraduate program.
- 2022–24 **Emerging Architect Fellow/Assistant Professor, Daniels Faculty** – University of Toronto (Toronto, CA)  
Two-year teaching and research appointment following receipt of the faculty's inaugural Emerging Architect Fellowship Award. Role included teaching undergraduate and graduate students (inc. MArch thesis studio), numerous lectures/talks, and the presentation of solo exhibition 'Using Trees As They Are' (2024).
- 2019–21 **Director, AA Wood Lab** – Architectural Association (London, UK)  
Led the AA Wood Lab's first two years of work following successful securing 56,000 GBP of annual funding with a ten-year commitment. Responsible for hiring a small staff of researchers and for guiding their work towards writing a book on Hooke Park's 30+ year history of sustainable wood buildings.
- 2018–21 **Warden, Hooke Park** – Architectural Association (Hooke Park, UK)  
Led the AA's 350-acre forest campus. Held strategic and operational leadership for a diverse environment including a working forest, buildings (residential, workshop and catering), public access, as well as teaching and safe management of building projects by students and professionals.
- 2016–21 **Specialist Lecturer, Design + Make** – Architectural Association (Hooke Park, UK)  
MArch/MSc teaching working closely with D+M program directors, staff and students. Responsible for delivering integrated teaching towards the physical realization of design-builds projects informed by digital methods. From 2019 I directed the program's MArch stream in this role.
- 2016–18 **Special Operations Assistant, Hooke Park** – Architectural Association (Hooke Park, UK)  
Working closely with then Hooke Park Director, Martin Self, as the site's operations assistant I was closely involved in work with all other members of staff. This included building maintenance and documentation, forestry operations, public interactions, management of digital assets and a lot more.
- 2011–12 **Workshop Assistant, School of Architecture** – Dalhousie University (Halifax, CA)  
After hours teaching assistant and supervisor in the school's woodshop throughout my undergraduate studies.

## Education

- MArch (Dist.) **Design + Make** – Architectural Association, 2014–16 (London/Hooke Park, UK)  
Post-professional MArch completed with the program's first Distinction in recognition of my lead role in the design and fabrication of the Tree Fork Truss project. Program Director: Martin Self.  
Thesis: 'Tree Fork Truss: An Architecture of Inherent Forms' submitted in completion of MArch.  
Supervisors: Martin Self and Mark Campbell – **10 citations**
- BEDS **School of Architecture** – Dalhousie University, 2009–12 (Halifax, CA)  
Bachelor of Environmental Design Studies completed after earlier studies in physics and environmental sciences.
- Foundation **Foundation Year Program** – University of King's College, 2008–09 (Halifax, CA)  
One-year intensive liberal arts program focused on the critical study of foundational texts of western thought.

## Fundraising

- 2019–21 **AA Wood Lab** – Responsible for writing a proposal on behalf of the Architectural Association School of Architecture that secured 56,000 GBP in annual funding from a private donor that enabled the launch of a wood focused research lab (stated 10-year funding intention). The lab was able to hire the AA's first full-time research fellows based in Hooke Park, and I directed its first two years of work.

## Peer Reviewed Publication

- Upcoming **ROB|ARCH 2024** conference proceedings editor. Work together with colleagues Maria Yablonina, Paul Howard Harrison, Brady Peters, Jonathon Anderson and Nicholas Hoban.
- 2018 Vercruyse E., **Mollica Z.**, Devadass P. Altered Behaviour: The Performative Nature of Manufacture, in RobArch: Radical Cross-Disciplinarity [Proceedings of the ROBARCH Conference 2018], Zurich, pp. 309-319 (ISBN: 978-3-319-92294-2) – **15 citations**
- 2016 **Mollica, Z.**, and Self, M. Tree Fork Truss: Geometric Strategies for Exploiting Inherent Form, in Advances in Architectural Geometry [Proceedings of the AAG Conference 2016], Zurich, pp138-153 (ISBN: 978-3-728-13777-7) – **89 citations**. Alongside these citations, the Tree Fork Truss project has been published widely in journals, books and articles that are not listed in this CV.
- 2016 Devadass, P., Dailami, F., **Mollica, Z.**, & Self, M. “Robotic Fabrication of Non-Standard Material”, in Acadia: Posthuman Frontiers [Proceedings of the ACADIA 2016 Conference], Ann Arbor, pp. 206-213 (ISBN 978-0-692-77095-5) – **22 citations**

## Select Articles, Reports and Book Contributions

- 2024 “Working with Forests”  
Chapter contribution to ‘Homing the Machine’, edited by Galo Canizares and Zach Cohen. Case study chapter builds out of my research to proposes a new set of relationships between designers and trees. Routledge. UK.
- 2024 “Iterative Modeling and Material Exploration” Scaffold Journal (Daniels Faculty, University of Toronto)  
Ranging interview in the first edition of a new student led publication at the faculty.
- 2021 “David Foster & Zachary Mollica x Hemlock Rings and Tree Forks” (PAIRS, Harvard GSD)  
In conversation with director of the Harvard Forest, David Foster, hosted by Kimberley Huggins
- 2021 “Hooke Park Report – Development and Strategic Thinking”  
A detailed strategic planning document and summary report prepared in collaboration with my special operations assistant Lucas Wilson as a part of wrapping up my tenure leading Hooke Park. UK.
- 2021 “Past, Present and Future of Hooke Park, the Architectural Association’s (Un)usual Forest”  
Article in Woodland Heritage’s 2021 Annual Journal. UK
- 2020-21 Hooke Park Book  
Editor and guide for an unpublished book on Hooke Park’s 30-year history of wood building research. Writing and research undertaken by Wood Lab Research Fellows Jack Cardno and Finbar Charleson. Hooke Park, UK
- 2020 “A While Ago I Traveled to Some Woods”  
Article in Post Work magazine. Dublin, IE
- 2016 “Forest School”  
Article in arts organisation Common Ground’s annual journal, Leaf. UK

## Exhibitions

- Upcoming **‘ROB|ARCH 2024’** – InterAccess Gallery (Toronto, CA)  
Upcoming exhibition featuring a curated selection of work produced during the ROB|ARCH 2024 conference that was hosted at the University of Toronto and Toronto Metropolitan University.
- 2024 **‘Other Wood Pieces’** – Cooper Union (New York, US)  
Solo exhibition installed in the Cooper Union’s Third Floor Hallway Gallery. The work included a selection of 24 pieces of uncommon wood, including bends, a fork, cookies, burrs, salvaged beams, and a piece of root. These were presented alongside large format drawings.
- 2024 **‘Using Trees As They Are’** – University of Toronto (Toronto, CA)  
Solo exhibition put on as a part of my Emerging Architect Fellowship role at the Daniels Faculty, University of Toronto. Alongside physical pieces and photographs, I worked within a recreation of my home workshop erected in the Larry Wayne Richards Gallery.

- 2023            CREATECH '23 (London, UK)  
Invited to present my Chainsaw Chair project (made with Jean-Nicolas Dackiw) as part of collective exhibition.
- 2015-20        AA Projects Review (London, UK)  
Annual installations created with student of Design + Make program and the AA Wood Lab.

## Conference Presentations

- 2018            ROB|ARCH 2018 (Hosted by ETH, Zurich, CH)  
Presentation of paper “Altered Behaviour: The Performative Nature of Manufacture.”
- 2017            Fabricate 2017 (Hosted by ICD, Stuttgart, DE)  
Presentation of paper “Infinite Variation; Radical Strategies” written by Design + Make programme directors Martin Self and Emmanuel Vercruyse with significant reference to section of my MArch research and writing.
- 2016            Advances in Architectural Geometry (Hosted by ETH, Zurich, CH)  
Presentation of paper “Tree Fork Truss: Geometric Strategies for Exploiting Inherent Form” with Martin Self.

## Awards and Recognition

- 2022            Emerging Architect Fellowship Award (Daniels Faculty, University of Toronto)  
Award resulted in a two-year teaching and research appointment at the faculty.
- 2022            Taylor Visiting Lectureship (School of Architecture, Planning and Landscape, University of Calgary)  
Award resulted in a one-week intensive course ‘Working With What’s Around’ and related lecture.
- 2021            Small Project of the Year Longlist (Dezeen)  
My students’ Woodland Cabin project was nominated and longlisted. Lead design tutor role in project.
- 2016            Structural Timber Award (IStructure)  
Tree Fork Truss project shortlisted for award.
- 2016            MArch Design + Make awarded with program’s first distinction (Architectural Association @ London, UK)
- 2010            Physics and Atmospheric Science Award (Dalhousie University @ Halifax, CA)

## Service to Profession

- 2024            **ROB|ARCH 2024 Conference + Workshop Chair** – Daniels Faculty, University of Toronto (Toronto, ON)  
Lead member of the host team for ROB|ARCH 2024, an international conference hosted jointly by the Daniels Faculty and Toronto Metropolitan University’s Design + Technology LAB. I served as a chair of the workshop committee with responsibility for organizing 11 three-day robotic workshops. Also, a site and exhibition lead.
- 2023-24        **MArch 2 Advanced Placement Committee** – Daniels Faculty, University of Toronto (Toronto, ON)  
Together with colleagues, responsible for reviewing 100+ applications for advanced placement in the Daniels Faculty’s MArch program.
- 2019-21        **Academic Resources Team** – Architectural Association (London, UK)  
Regular contribution to ART meetings in my role as Hooke Park Warden. This group included all other student facing departments such as the AA’s facilities, workshops, libraries and archive teams.
- 2019-21        **Hooke Park Advisory Group** – Architectural Association (London, UK)  
Chair of a re-formed advisory group for Hooke Park with representative members selected from across the AA School community to provide input and oversight. Responsible for agendas and leading meetings.
- 2019            **AA Plant A Tree** – Architectural Association (Hooke Park, UK)  
Hosted 300 new AA students for a day of tree planting, food and more. Prompted by School Director Eva Franch, our whole staff contributed to shaping a day that saw the most visitors to ever be in Hooke Park at once.
- 2018-21        **Estates & Infrastructure Committee** – Architectural Association (London, UK)  
Sat on and reported regularly to an AA Council committee responsible for overseeing physical infrastructure and large capital projects at the school. The committee was chaired by then Vice President, Catherine du Toit.
- 2018-20        **Academic Board** – Architectural Association (London, UK)  
Nominated by teaching colleagues as the Postgraduate Teaching Staff Representative for the AA's Academic Board, chaired by School Director Eva Franch i Gilbert. Responsible for convening constituent meetings, reporting to the board and for voting on academic policies and regulations.
- 2018-20        **Academic Committee** – Architectural Association (London, UK)  
Nominated by colleagues as Postgraduate Teaching Staff Representative for the AA's Academic Committee,

chaired by Dr. Michael Weinstock. Responsible for convening constituent meetings, reporting to the board and for voting on academic policies and regulations.

2018-21 **MArch + MSc Exam Boards** – Architectural Association (London, UK)  
Participation as a faculty member of Design + Make in exam boards responsible for confirming degree awards.

## Key Lectures, Talks and Discussions

2024 ‘Other Wood Pieces’ with Valerie Trouet (Cooper Union)  
Evening public lecture and discussion presented together with celebrated dendrochronologist Valerie Trouet as a part of my solo exhibition installed at the Cooper Union. New York, US.

2024 ‘Using Trees as They Are’ (Daniels Faculty, University of Toronto)  
Exhibition lecture to end two-month solo show of the same title. Toronto, CA.

2024 ‘Sensing Forests’ (École nationale supérieure d’architecture de Versailles)  
Lecture and conversation with group organized by Walter Simone and Magali Paris. Paris, FR (Remote).

2023 ‘Intelligences’ (Daniels Faculty, University of Toronto)  
Presentation to faculty research Pecha Kucha. Toronto, CA.

2023 FLL X AVSSU Speaker's Night (Daniels Faculty, University of Toronto)  
Lecture to evening event organized by student groups at the faculty. Toronto, CA.

2022 ‘Mass Timber: So What Now?’ Symposium (LU Lab, University of Miami School of Architecture)  
Lecture and panel discussion. Miami, US.

2021 ‘Wood and Everything After’ Symposium (LU Lab, University of Miami School of Architecture)  
Lecture and panel discussion. Miami, US (remote).

2021 Annual General Meeting (AA Council, Architectural Association)  
Keynote lecture. London, UK.

2021 ‘Garden Talk’ (Parsons School of Design)  
Lecture and discussion with students working with Matthew Davis. New York, US (remote).

2020 Presentation to Thomas Heatherwick and Heatherwick Studio senior leadership. London, UK.

2020 ‘Automation in Construction + Climate Emergency’ (Royal College of Art)  
Lecture and roundtable – chair Manja van de Worp and Ciaran Malik. London, UK (remote).

2020 ‘Urgent Futures: Architectural Education in 2025’ Symposium (Architectural Association)  
Presentation and discussion. London, UK (remote).

2020 Professional Practice Week (Dalhousie School of Architecture)  
Keynote lecture. Halifax, CA.

2020 ‘Laminate: Timber and Wood Design Education’ Symposium (Fay Jones School of Architecture)  
Lecture and panel discussion. University of Arkansas, Fayetteville, US (remote).

2019 International Wood Educators Conference (Laurentian School of Architecture)  
Joint keynote lecture with Emanuel Jannasch. Sudbury, CA.

2019 Frame Conference (Carpenter's Guild)  
Keynote lecture. Cardiff, UK.

2017 Hooke Park Conversations (Architectural Association)  
Presentation and participation in panel conversation. London, UK.

2016 ‘New Languages of Wood’ Symposium (Fay Jones School of Architecture, University of Arkansas)  
Lecture and participation in panel conversations. Fayetteville, US.

## Select Guest Lectures to Classes and Small Groups

Wood at Scale ARCH4010\_4011 – UVA School of Architecture University of Virginia (2024); Tree Studio – Cooper Union (2024); Working with Wood ARC426 – Daniels Faculty, University of Toronto (2024); Daniels Discovery Program; (2023+24); Coffee with Profs – AVSSU, Daniels Faculty, University of Toronto (2022); Research Methods ARC2017 – Daniels Faculty, University of Toronto (2023); Technology Studio 3 ARC380 – Daniels Faculty, University of Toronto (2023); Robot Studio – Daniels Faculty, University of Toronto (2023); Designing with Robots ARC3407 – Daniels Faculty, University of Toronto (2022); irregularLAB – Institute for Experimental Architecture, Bauhaus-Universität Weimar (2023); Drawing + Representation I ARC100 – Daniels Faculty, University of Toronto (2022); Studio in the Woods – Invisible Studio (2018); Production Design – National College of Art and Design (2021); Making Class – Central Saint Martins (2017).

## Non-Academic Roles

- 2024- **Management Team, Asitu'lisk** – Ulnooweg Education Centre (Lunenburg, CA)  
Part of a three-person team managing the development of Asitu'lisk, a 200-acre site containing old growth hemlock forest that Ulnooweg Education Centre is transforming into a land-based learning site oriented towards hosting Indigenous youth and communities from around the Maritimes.
- 2014-24 **Consulting Designer** – Various (CA/UK)  
Work with numerous arts, heritage, and forestry practices including the preparation, analysis and deployment of 3D scanning, management of CAD assets, strategic planning, web and social media resources and more. Clients include Lunenburg Makery, Marshmallow Laser Feast, Musique Royale, Shatwell Farm, Simon Hitchens.
- 2012-24 **Project Manager** – Novita Interpares (Toronto, CA)  
Occasional work for cultural consulting firm working with municipalities, charities and practices. Responsibilities vary by project. Clients include 4H Canada, Alexander Graham Bell Foundation, Gros Morne Theatre Festival, The Philanthropist, Theatre Baddeck, Tides Canada, Ulnooweg.
- 2021-22 **Technical Designer** – Xylotek - Advanced Timber Fabrication (Bristol, UK – remote)  
Freelance work for a practice that delivers fabrication and design services throughout the manufacturing process of complex wooden structures and buildings. Involved primarily in 3D modelling of nonstandard assemblies.
- 2021-22 **Designer** – Leaf + Branch (Lunenburg/Toronto, CA)  
Range of tasks on the design, development, maintenance and management of several heritage properties and buildings in Ontario and Nova Scotia.
- 2012 **Collaborator** – Plant Architects (Toronto, CA)  
Diverse practice in the fields of architecture, landscape and design. Worked closely with firm's partners on the development of two installations including one for the 2012 Venice Biennale.
- 2008-14 **Contractor** – Various (Toronto, CA)  
Hands on experience working over the years with my father and grandfather, a contractor and finish carpenter respectively. Work included a wide range of materials and project types, from new build wood framing to intensive house renovations to smaller pieces of finished furniture.
- Short Roles **Measured Architecture**, 2011 (Vancouver, CA); **NL Architects**, 2012 (Amsterdam, NL)

## Guest Critic and External Advisor

- Architectural Association School of Architecture (London, UK) – 2016-21
- Arts University Bournemouth (Bournemouth, UK) – 2020
- Central Saint Martins (London, UK) – 2017
- Cooper Union (New York, US) – 2024
- Council on Tall Buildings and Urban Habitat. (Venice, IT) – 2020
- Dalhousie School of Architecture (Halifax, CA) – 2020, 2021
- Daniels Faculty, University of Toronto (Toronto, CA) – 2021, 2022, 2023, 2024
- Institute for Advanced Architecture of Catalonia (Barcelona, ES) – 2021, 2022
- McEwen School of Architecture Laurentian University (Sudbury, CA) – 2019
- National College of Art and Design (Dublin, IE) – 2021
- Parsons School of Design (New York, US) – 2021
- Toronto Metropolitan University – 2022, 2023
- UVA School of Architecture, University of Virginia – 2024
- Welsh School of Architecture, Cardiff University (Cardiff, UK) – 2016
- Wood Educators Group (CA/US) – 2019–22

## Film and Radio

- 2024 'Beech Trees Interview' (Centre for Excellence in Learning and Teaching, TMU)
- 2021 'Folk X Hooke Park' (Folk Clothing)  
A detailed interview with me provides the voice over for a short film exploring shared values in our collaboration with the team at Folk towards designing a small clothing line. Film produced by Jethro Marshall.

- 2016 'Countryfile' (BBC)  
Interviewed while a MArch student about the Tree Fork Truss project as part of larger segment on Hooke Park and Dorset, UK. The full episode received approximately 9 million viewers on its first airing.
- 2016 'Woodland Architecture Style' (CNN Style)  
Interviewed as part of larger segment on Hooke Park.
- 2016 'Robots and Architecture in the Forest' (The Temple Radio Show)  
Radio interview with Joshua Harskamp.

## Press Appearances

- 2024 'Fall 2024 Program at Irwin S. Chanin School of Architecture' (e-flux Architecture)  
<https://www.e-flux.com/announcements/626513/fall-2024-programs-at-irwin-s-chanin-school-of-architecture/>
- 2024 'Using Trees As They Are' (Daniels Faculty, University of Toronto)  
<https://www.daniels.utoronto.ca/news/mon-feb-5-2024-all-day/qa-zac-mollica-using-trees-they-are-and-diversifying-building-wood>
- 2023 'Future of Wood: Expanding the Architectural Prospects of Timber in Its Natural Form'  
<https://www.archdaily.com/1006494/expanding-the-architectural-prospects-of-timber-in-its-natural-form>
- 2021 'Choosing Hope: Acts of Reconciliation' (Philanthropist Journal)  
Tree 3D scan artwork published as part of article by Angela Long  
<https://thephilanthropist.ca/2021/12/sector-news-digest-december-15-2021/>
- 2021 'AA Wood Lab Interview' (Architectural Association)  
Interviewed with Jack Cardno and Finbar Charleson by Matthew Lloyd Roberts  
<https://aaschool.ac.uk/news/our-view-is-that-the-future-needs-to-be-built-out-of-wood-talking-timber-with-the-aa-wood-lab>
- 2021 'Folk X HOOKEPARK' (Hole & Corner)  
Short interview featured in article covering clothing line collaboration. Online  
<https://www.holeandcorner.com/recommends/folk-x-hooke-park>
- 2021 Architecture Iconographies (Drawing Matter)  
3D scanning artwork in publication by Matthew Wells. Ed. Sarah Handelman
- 2020 'Bending the Rules at Hooke Park' (The Bridport Times)  
Interview on my leadership of Hooke Park by Jo Denbury
- 2020 'Scanning Shatwell' (Drawing Matter)  
3D scanning artwork featured alongside text by collaborator Lucas Wilson  
<https://drawingmatter.org/scanning-shatwell/>
- 2020 'AA Wood Lab' (Architect's Newspaper)  
Interviewed in anticipation of the launch of the AA Wood Lab by Shawn Simmons  
<https://www.archpaper.com/2020/02/architectural-association-launches-experimental-wood-lab/>
- 2020 'Designing with Digital Fabrication' (Arup Foresight Group)  
Project featured in research document by internal Arup group. London, UK  
<https://www.arup.com/perspectives/publications/promotional-materials/section/designing-with-digital-fabrication>
- 2018 'Architecture School Acquires its Materials, and Ideas, from its Surroundings' (Financial Times)  
Interviewed about Hooke Park and Tree Fork Truss in article by Emily Rhodes  
<https://www.ft.com/content/7f46d9a2-fe2f-11e8-b03f-bc62050f3c4e>
- 2018 'Inspirational Wood Building' (TRADA)  
Case study on Tree Fork Truss project
- 2017 'Do Robots Realize Computational Dream?' (GA Japan 148)  
Tree Fork Truss featured in article
- 2017 'The Rise of the Robots' (Blueprint Magazine)  
Tree Fork Truss and other works featured in article by Oliver Lowenstein
- 2016 '10 Projects Paving the Way to a Future of Robot-Built Architecture' (Dezeen)  
Tree Fork Truss featured in article  
<https://www.dezeen.com/2016/05/10/10-projects-that-look-future-robotic-construction-robots-architecture/>
- 2016 'Architecture Graduates to Watch' (Something Curated)  
Featured among a small selection of architecture graduates from the AA and UCL  
<https://somethingcurated.com/2016/07/06/architecture-graduates-watch-aa-bartlett/>

- 2016 'Wood Chip Barn' (Dezeen)  
Feature on Tree Fork Truss by Jessica Mairs  
<https://www.dezeen.com/2016/02/23/architectural-association-students-london-robotically-fabricated-barn-dorset-woodland/>
- 2015 'Louis Kahn's Life and Legacy at Exeter' (AIA)  
Scaled model built of Exeter featured in article by William Richards
- 2014 'Inhabitable Tetrahedron' (Dezeen)  
<https://www.dezeen.com/2015/02/07/floating-pyramid-and-wooden-tunnel-built-in-the-woods-by-architectural-association-students/>

## Teaching Experience – Taught Courses

- 2024-25 Tools for Close Observation – ARC465+480 (12 weeks, 1 term)  
Daniels Faculty, University of Toronto  
Newly developed seminar course aimed at developing students' skills in measurement and observation. Taking the Daniels building as a subject, students learned analog and digital tools through project work.
- 2024 Drawing and Representation I – ARC100 (12 weeks, 1 term)  
Daniels Faculty, University of Toronto. Coordinated by James Macgillivray  
Responsible for leading a section of 20 first year students through their first studio course. Three progressive assignments oriented towards providing instruction and experience in drawing fundamentals.
- 2022-24 Using Trees Research Studio – ARC3020/3021 (24 weeks, 2 term thesis studio)  
Daniels Faculty, University of Toronto  
Thesis supervisor for two cohorts of final year MArch students at the faculty. In joining the Using Trees Studio, students were prompted to identify projects both unusual and ecological, and somehow concerned with wood and other products of trees.
- 2016-21 Making as Design Seminar (0.5 day/week, 1 term)  
Design + Make Program, Architectural Association. Led with Martin Self.  
Explores the histories, theories, and cultures of architectural design philosophies that prioritize making. I was responsible for leading the delivery of up to three of eight annual sessions with a group of 15-20 students.
- 2019-21 Timber Technologies Seminar (0.5 day/week, 1 term)  
Design + Make Program, Architectural Association. Led by Martin Self with guest lecturers.  
Eight seminars and forest-based workshops providing a survey of foundation knowledge required to operate as a specialist in timber design. I was a supporting tutor for all seminar sessions.
- 2018-21 Thesis Development (0.5 day/week, over 3 terms)  
Design + Make Program, Architectural Association. Led with thesis tutor Simon Withers.  
Supporting role to students providing feedback and aligning to built projects underway.
- 2016-21 Induction Design Studio (5 weeks, 1 term)  
Design + Make Program, Architectural Association. led with Martin Self.  
Structured as a five-week intensive individual exercise to introduce fundamental software, techniques, and tools. From 2018 I took over leading the studio annually and rewrote the project brief focusing on the documentation and remaking of well-known chairs.
- 2016-21 Core Design Studio (5 weeks, 1 term)  
Design + Make Program, Architectural Association. Led with Martin Self and others.  
Small group-based design studio consisting of the design and fabrication of projects in the woods of Hooke Park with an aim to introduce the material processes of experimental construction. I was responsible for writing the project briefs for 2019 and '20.
- 2016-21 Main Design Studio + Thesis (MSc 8-month, MArch 12-month)  
Design + Make Program, Architectural Association. Led with Martin Self and others.  
Consisting of the design, making and analysis of full-scale buildings, pavilions and prototypes, this studio forms the primary subject for dissertation (MSc) and thesis (MArch) work as well as for students' portfolios. These projects are contributed to by tutors, technical staff and a diverse range of consultants.

## Teaching Experience – Design-Build Courses

- 2023 Beech Thicket Build ARC395/ARC2095 (10 days)  
Daniels Faculty, University of Toronto (Toronto, CA)  
Professor for a 10-day design build course offered to undergraduate and graduate students. A condensed

- hands-on course aimed at teaching students to measure, design and make all sorts of things with small diameter beech trees. In collaboration with Haliburton Forest. With TA Larissa Ho.
- 2022 Wellington Build ARC395 (10 days)  
Daniels Faculty, University of Toronto (Toronto, CA)  
Professor for a 10-day design build course offered to undergraduate students. Group worked together detail and then produce a small gatehouse for a community run beach in Wellington, ON. Design featured kinetic elements to allow variable protection from the elements. With TA Zakir Hamza.
- 2022 Working With What's Around (5 days)  
University of Calgary (Calgary, CA)  
Awarded an annual Taylor Block Lectureship from SAPL that saw me lead a one-week intensive workshop with 26 students. Under the title 'Working with What's Around', students learned to apply 3D scanning methods to large, salvaged wood beams to produce artefacts in response to a particular piece's wood grain.
- 2018-21 Group Primer (5 days)  
Design + Make Program, Architectural Association. Led with Hooke Park technical staff.  
Annual group-based crash course assignment working on a prescribed construction exercise. These were conceived to be useful tasks for the site which introduced students to methods of working safely.
- 2016-20 SummerBuild AA Visiting School (4 weeks)  
Architectural Association (Hooke Park, UK)  
Program head responsible for directing a four-week residential program that saw international groups from diverse professional backgrounds join D+M students to work on active projects. Included construction oversight work for a group of up to 16 participants. With Jack Draper (co-lead), Jonathan Blayney and Martin Self.
- 2016-19 Arup Builds (2 days)  
Architectural Association (Hooke Park, UK)  
Coordination and oversight of annual four-day intensive workshop with the Arup and HP teams towards the production of ambitious and unusual bridges and large towers. With: Francis Archer, Martin Self, Edward Coe, Charlie Corrywright, Christopher Sadd and numerous participants.
- 2016-17 Robotic Fabrications AA Visiting School (10 days)  
Architectural Association (Hooke Park, UK)  
Tutor for annual 10-day workshop. Reinventing traditional making techniques and tools, the workshop set out to develop innovative processes for architectural fabrication. With: Emmanuel Vercurysse (director), Gary Edwards, Michael Arnett, Pradeep Devadass
- 2016-17 MakeLab – AA Visiting School (5 days)  
Architectural Association (Hooke Park, UK)  
Tutor for annual five-day workshop engaging with computer-aided architectural design and fabrication aimed at developing new modes of design conception. With: Jeroen van Ameijde (director), Alejandro Garcia Gadea, Luis Rodil-Fernández, Yutao Song.

## Teaching Experience – Master's Thesis Supervision

### Architectural Association School of Architecture

Students worked with as a part of the Architectural Association's Design + Make (MArch/MSc) postgraduate program. My work and supervision of each student was distributed across design, building, writing and documentary tasks. It was taken on in collaboration with other staff in a role of increasing seniority. After 2018 I was primary supervisor for MArch students listed.

Diego Sáenz, MArch '16  
Eleni McKirahan, MArch '16  
En-Kai Kuo, MArch '16  
Evgenia Spyridonos, MArch '16  
Paolo Salvetti, MArch '16  
Rolando Madrigal, MArch '16  
Trianzani Sulshi, MArch '16  
Aitor Almaraz, MArch '17

Kevin Kim, MArch '17  
Laura Welsh, MSc '17  
Mariela Costanza Reyes, MArch '17  
Mengyun Mao, MSc '17  
Pedro Jose Bran Redondo, MArch '17  
Tudor Tenea, MSc '17  
Veda Barath Pabbathi, MArch '17  
Wayne Oh, MSc '17  
Xin Tu, MArch '17  
Yanxiu Chen, MSc '17  
Florencia Rodriguez Aranda, MArch '18  
Francisco Adriasola, MArch '18  
Jack Fogel, MSc '18  
Lucas Wilson, MSc '18  
Thomas Dawson, MSc '18  
Unha Park, MArch '18  
Ciro Romer, MSc '19  
Hasan Danish, MArch '19  
Hilla Gordon, MArch '19



Luis Gil, MArch '19  
Nasia Pantelidou, MArch '19  
Omar Eqbal, MArch '19  
Patrick Birch, MSc '19  
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Shengning Zhang, MArch '19  
Wyatt Armstrong, MArch '19  
Amina Yusupova, MArch '20  
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Farid Younesi, MArch '20  
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Final year MArch thesis students who completed their terminal work with me over two terms as a part of the Using Trees research studio.

Chunying Li, MArch '23  
Jiashu Song, MArch '23  
Jin Liu, MArch '23  
Lulu Wang, MArch '23  
Pablo Espinal Henao, MArch '23 – *thesis project co-supervised with Daniels Faculty colleague Maria Yablonina*  
Samantha Tam, MArch '23  
Tingxu Yan, MArch '23  
Xiaoyu Lei, MArch '23  
Xuansong Wang, MArch '23  
Yi Zhou, MArch '23  
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John Shen, MArch '24  
Lara Sedele, MArch '24  
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## Referees

*Professional and other references can be provided on request.*

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