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Barry Wark

Bsc MArch ARB

Education / Qualifications

2028 April: PhD Candidate, Royal Melbourne Institute of Technology

2017 October: RIBA Part 3, London Metropolitan University

2012 September: MArch, Architecture, Bartlett School of Architecture, UCL

2007 November: Bsc, Architecture, Strathclyde University

Academic Experience

2022- Present, Full-time Lecturer, Weitzman School of Architecture, University of Pennsylvania

- *Studio instructor* on the MArch 3rd year 701 options studios. The studio explores novel forms of civic space in the age of ecological awareness. This has encompassed topics from adaptive reuse and the reinvigoration of weathering in architecture to promote novel ecological aesthetics, parts, assembly and tectonics and their relationship with advanced 3d printing technology and circular materials.
- *Studio Instructor* on the Advanced Architectural Design (AAD) programme. The studio focusses on the building detail and its relationship to assembly and tectonics through weathering and material micro-ecologies, informed by non-Western traditions, building precedents, and cultural practices.
- *Seminar instructor*. The class focuses on giving students an overview of historical and contemporary environmental theory in conjunction with advanced procedural design techniques. The seminar cumulates in a façade detail that is designed to weather through integrated environmental intelligence, where students contextualise their proposal against the assigned theoretical texts.
- *Admissions member*. Working with the admission panel to review and advocate students for the incoming class to the March programme.

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2025-Present Visiting Professor, Advanced Design Studios, Pratt Institute

- *Advanced Design Studio, Fall 2025* Led an advanced graduate design studio focused on the relationship between solar simulation, primary structure, and environmental performance through the design of a civic building in Downtown Brooklyn.
- *Seminar, Spring 2025* Led a graduate seminar investigating computationally driven massing strategies for towers within the Manhattan grid, departing from NYC zoning policy and Ralph Knowles' Solar Envelope research.

2026 , Visiting Professor, Advanced Design Studios, Columbia GSAPP

- *Advanced Design Studio*; Led an advanced design studio that focused on the grotto as a prototypical condition for contemporary ecological aesthetics, assembly, weathering, and circular materials.

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2024 , Visiting Professor, Advanced Design Studios, Royal Melbourne Institute of Technology

- *Advanced Design Studio*; Led an advanced design studio that focused on the role of assembly, weathering, and circular materials through the development of an innovative façade design project.

2018- 2022, Full-time Lecturer, Bartlett School of Architecture, University College London

- *Year 2 Coordinator* on the 4-year MSci. My role includes working and managing staff and students throughout all aspects of the programme, from scheduling to reviews and markings. At times this role would also include the management of student challenges from the academic to the personal and defining strategies for remediation and support.
- *Skills Director* (Media Studies) across the entire MSci programme. This encompassed the development for students' training in software and technique from basic Rhino3D and Adobe to ensuring they were supported through independent study in student-specific investigation such as CNC milling, AI, 3D scanning etc
- *Admissions Panel* across BSc, MSci, and BPro programmes. The role included evaluating applicants via portfolios and interviews and engaging in communal debate about offering places, recruitment, marketing and advertising for the various programmes.
- *Led a research cluster* in the Bpro , Post Graduate course. The cluster centred around computational design methodologies, machine learning and digital fabrication in investigating ecocentric architecture.
- *Led core undergraduate studios focusing* on teaching core architectural education in a vertical studio. The pedagogical structure explored how to create innovative architecture whilst integrating coherent technical reports and theoretical essays within the studios ecological and computation design agendas.
- *Led a design studio* focusing on the development of the evolution of novel biomaterials into proto-architectural conditions through a one-semester studio

2021- Distinguished Invited Professor, T4Tlab Architectural Design Studio, Texas A&M

- Visiting Professor leading a design studio focusing on advanced computational design methodologies with a focus on the aesthetics of ancientness, the lithic, and its relevance for a contemporary discussion on ecological aesthetics through temporal ambiguity

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2014-2018, Associate Lecturer, Bsc Architecture, Oxford Brookes University

- *Led core undergraduate studios focusing* on teaching core architectural education in a vertical studio. The pedagogical structure explored how to create innovative architecture whilst integrating coherent technical reports and theoretical essays within the studios ecological and computation design agendas, Admissions
- Studio tutor on a novel programme that allowed students from underprivileged backgrounds to work whilst obtaining their RIBA March degree

2018- Studio Leader, Architectural Association Visiting School, Amman, Jordan

- Leading a studio during a 10-day intensive workshop

2012-2015, Teaching Fellow, Bartlett School of Architecture, University College London

- Responsible for the file preparation, administration and fabrication of parts using advanced 3d printing technology such as ALM power printing, SLS , SLA and makerbots.
- Teaching software and 3D modelling to students across all programmes in the school.

Practice Experience

2012 – Present, Director, Barry Wark Studio

- Run all aspects of an avant-garde architecture and design studio, including definition and direction of design and representation of speculative work, produce writing, texts, and interviews for publication.

- Hire and manage small teams of employees when project commitments demand it.
- Marketing and PR across print and digital media.
- Engage with cultural institutions and curators to promote awareness and exhibition of the work.
- Design and deliver constructed projects for clients across scales from objects to buildings.

2019– Present, Design Director, Rock Architects

- Responsible for the design direction and decisions across all facets of the practice from RIBA stages 1-6
- Meeting with clients and developing projects to meet client briefs in conjunction with project financial and technical management.
- Working with my practice partner on business development, lead generation, and practice administration.
- Marketing and practice PR, including branding and advertising

2015-2017, Project Architect, Uber Raum Architects

- Project Leader in the development and running of projects through (RIBA stages 0-6)
- Lead designer through the use of mixed digital and analog techniques
- Management of a small team to produce drawings, images, and specifications and run projects

2013-2014, Part 2 Architectural Assistant, Studio Egret West

- Architectural designer for a variety of projects, including residential, play spaces, masterplans, and towers.(RIBA stages 0-4)
- Developing materiality and details of proposals through digital modeling and sample sourcing.
- Creating drawings and details for planning and construction

2012-2013, Part 2 Architectural Assistant, Make Architects

- Production of detailed drawings for construction packages, including structural glazing, cladding, and waterproofing. (RIBA stages 3-5)
- Sourcing information of the necessary systems required and working with the contractor to develop the desired final details.

2007-2012, Part 1 Architectural Assistant, Squire and Partners Architects

- Feasibility studies through to planning on several projects ranging from residential and office to large masterplans.(RIBA stages 0-4)
- Production of integral design concepts and associated imagery and drawings of winning competition entries.

Other Appointments and Affiliations

Architects Registration Board (ARB)

Royal Institute of British Architects (RIBA)

Invited Lectures & Interviews

2026, *'The Architecture of Ecology'*, Lecture, University of Kentucky, Lexington, USA

2026, *'The Architecture of Ecology'*, Lecture, Syracuse University, Syracuse, USA

2026, *'The Architecture of Ecology'*, Lecture, Innsbruck University, Innsbruck, Austria

2025, *'The Architecture of Ecology'*, Lecture, RPI, Troy, USA

2025, *'The Architecture of Ecology'*, Lecture, SciArc, Los Angeles, USA

2025, *'The Architecture of Ecology'*, Lecture, Universidad Anáhuac México, Mexico City, Mexico

2024, *'Towards an Ecocentric Architecture'*, Lecture, Shanghai Institute of Visual Arts, Shanghai, China

2024, *'Towards an Ecocentric Architecture'*, Lecture, Yongsei University, Seoul, South Korea

2024, *'Towards an Ecocentric Architecture'*, Lecture, Seoul National University, Seoul, South Korea

2024, *'Towards an Ecocentric Architecture'*, Lecture, RMIT, Melbourne, Australia

2024, *'MODELS'*, Lecture, GSD Harvard, Massachusetts, USA

2024, *'Speculations on an Ecocentric Architecture'*, Lecture, Cusco University, Cusco, Peru

2024, *'ALM for Ecological Architecture'*, Lecture, University of Illinois at Chicago, Illinois, USA

2024, 'Speculations on an Ecocentric Architecture', Lecture, Kent State University, Ohio, USA
 2023, 'Speculations on an Ecocentric Architecture', Lecture, Florida Atlantic University, Florida, USA
 2021, 'Ancientness & Future Forms of Coexistence', Lecture, Ball State University, Indiana, USA
 2021, Climate Art- Roundtable Discussion with Hanif Kara (AKT II) and Gonzalo Herrero (Dubai Museum of the Future) , Rye, England
 2021, 'Ancientness & Future Forms of Coexistence', Lecture, Southern California Institute of Architecture (SCIARC) , USA
 2021, 'Ancientness & Other forms of Contemporary Architecture', Lecture, Texas A&M Architecture School, USA
 2021, 'Ancientness & Permissible Forms of Coexistence', Lecture, United Architects of Philippines, Philippines
 2020, 'Ancientness & Other forms of Contemporary Architecture', Lecture University of Pennsylvania, Stuart Weitzmann School of Design, USA
 2020, 'Exploring the Manifestation of Nature in Architecture', Lecture at University of Petra, Jordan
 2020, 'Exploring the Manifestation of Nature in Architecture', Lecture at Manara Culture Centre, Amman Jordan
 2020, Interview with 'All of Archi', Instagram Live
 2019, 'Biophilia', Lecture at Walt Disney Imagineering, Los Angeles, USA
 2019, 'Urban Cliffs', Lecture, BioID, Bartlett School of Architecture, England
 2018, 'Biophilia', Lecture at the AA Visting School, Jordan
 2018, 'Bio-Design', Lecture at OpenCell, London, London Design Festival , England
 2017, 'Miami Beach Wall', Project Presentation, Sun and Moon, London Design Festival, England
 2017, 'Biophilia and Architectural Education' Presentation of paper, Architectural Education Connects, Oxford, England

Publications + Exhibitions

Wark.B, 2025, 'Tur House', Magazine Feature, Pianeta Design Magazine
 Wark.B, 2025, 'Tur House', Magazine Feature, Materials Bank, Frame 66
 Wark.B, 2025, 'Nadarra, Exhibition, Contemporary Architecture, Temple University
 Wark.B, 2025, 'Glasgow School of Art', Exhibition, Weathering, University of Texas, Austin
 Wark.B, 2024, 'Nadarra', Interview, 241108_Kommersant Style Interiors
 Wark.B, Retsin.G, 2024, WhatsApp EndtoEnd Unencrypted, ARCHIGRAM 10, Edited by Sir Peter Cook
 Wark.B, 2024, 'Nadarra', Interview, Dezeen Magazine
 Wark.B, 2024, 'Nadarra', Project Feature, Vanity Fair Magazine
 Wark.B, 2024, 'Nadarra: Ecology, Technology & Aesthetics', Interview, STIR-world Magazine
 Wark.B, 2024, 'Ones to Watch', Cover & Feature Interview, Frame Magazine
 Wark.B, 2024, 'Nadarra', Interview, Francq Colours Magazine
 Wark.B, 2024, 'Nadarra', Project Feature, MixMag Magazine,
 Wark.B, 2024, 'Against Control & Sweetness', Article, The Point Magazine,
 Wark.B, 2024, 'Nadarra', Project Feature, Kommersant Style Interiors Magazine,
 Wark.B, 2024, 'Ancientness & Other Contemporary Architecture', *Design Technology and Digital Production: An Architecture Anthology*, Gabriel Esquivel, Editor, Routledge
 Wark.B, 2024, 'Ecological Facades: Beyond Sweetness and Control', Growing Between the Cracks, *The Point Magazine*
 Wark.B, 2023, 'Vibrant Assemblies, Santiago Miret (ed.) , Antagonismos Magazine
 Wark.B, 2023, 'Humble Artefacts', *Purple Architecture*, James Kerestes, Ebrahim Poustinchi, & Vahid Vahdat (eds.), Routledge
 Wark.B, 2022, 'Nadarra', Anna Metcalfe (ed.), Hive Magazine, AW 2022-23
 Wark.B, 2022, 'Ecological Architecture & Their Logisitcs', *Hadin Charbel, Deborah Lopez (eds.), Monumental Wastelands Magazine*
 Wark.B, 2021, 'Biophile' Federica Sofia Zambelletti (ed.), *Kooz Arch, Febuary 2020*
 Wark.B, 2020, 'Ecocentric Architecture' Clot Magazine, Lidia Ratoi (ed.), *December 2020*
 Wark.B, 2020, 'Glasgow School of Art: Architect unveils rebuild vision', *Glasgow Herald Paper, Caroline Wilson (ed.), June, p3*
 Wark.B, 2019, 'More than Green Walls', *Idil Yucil (ed.), Arredamento Mimarlik, 2019/01 ,pp.65-68*
 Wark.B, Koerner.A 2017 'Biophile: Biophilia & Architectural Education.' *Architecture Connects, AAE 2017 Connects*

Invited Critic (since 2020)

2026, May, *University of Southern California, XPO*, Faculty: Alvin Huang, Brian Deluna, Ryan Martinez, Brett Steele
 2026, May, *Cooper Union*, Faculty: Brennan Buck, Michael Young,
 2026, May, *Pratt Institute*, Faculty: Andrew Holder, Alex Barker, David Erdman
 2025, August, *EDGE MS Arch Tech, SciArc*, Faculty: David Ruy, Casey Rehm
 2025, May, *Final Review-Core 4, Cooper Union*, Faculty: Michael Young
 2025, April, *Super Jury, RPI*, Faculty: Evan Douglass, Rhett Russo
 2024, December, *Final Review-Core 1, Yale*, Faculty: Deborah Berke, Mike Szivos, Violette de le Selle

2024, December, *Final Review-Super Jury, Pratt*, Faculty: Michael Young, Lydia Kallipoliti, Peter Trummer, Alex Barker
 2024, May, *Final Review MODELS, GSD Harvard*, Faculty: Hyojin Kwon, Andy Bako,
 2023, April, *Final Review Adv Studio, UTSOA*, Faculty: Daniel Koehler, Dora Epstein, Kory Bieg
 2023, August, *EDGE MS Arch Tech, SciArc*, Faculty: David Ruy, Casey Rehm, Soomeen Hahm
 2023, June, *Studio Rashid, Angewandte IOA*. Faculty Hani Rashid, Sophie Grell
 2023, May, *MArch Design Reviews, CMU*, Faculty: Dana Cupkova
 2022, August, *EDGE MS Arch Tech, SciArc*, Faculty: David Ruy, Casey Rehm, Soomeen Hahm
 2022, June, *Studio Rashid, Angewandte IOA*. Faculty Hani Rashid, Sophie Grell
 2022, April, *T4T Lab, Texas A&M*. Faculty Gabriel Esquivel, Patrick Danahy
 2022, April, MSD RAS, Weitzman School of Design, University of Pennsylvania. Faculty Florencia Pita, Andrew Saunders,
 2021, December, *EDGE MS Arch Tech, SciArc*, Faculty: David Ruy, Casey Rehm, Soomeen Hahm
 2021, September, *Dezact Review*, Faculty: Igor Pantic, Hadin Charbel, Deborah Lopez
 2021, September, *GRAD Thesis, SciArc*, Faculty: Elena Manferdini, Krist Balliet, John Cooper
 2022, August, MSD RAS, Weitzman School of Design, University of Pennsylvania. Faculty Andrew Saunders,
 2021, July, 701 Advanced Studio, Weitzman School of Design, University of Pennsylvania. Faculty Simon Kim
 2021, May, 604 Design Studio, Weitzman School of Design, University of Pennsylvania. Faculty Nate Hume
 2021, March, Msci Y1 Reviews, Bartlett School of Architecture. Faculty Sara Shafiei
 2020, December, 701 Advanced Studio, Weitzman School of Design, University of Pennsylvania. Faculty Simon Kim, Ferda Kolatan, Robert Stuart Smith
 2020, December, 701 Advanced Studio, Weitzman School of Design, University of Pennsylvania. Faculty Hina Jamelle
 2020, December, Postgraduate Design , University of Texas, Austin. Faculty Daniel Kohler , Rasa Navasaityte
 2020, November, 701 Advanced Studio, Weitzman School of Design, University of Pennsylvania. Faculty Simon Kim
 2020, June, Undergraduate Studio, University of Innsbruck. Faculty : Marjan Colletti, Peter Massin, Theresa Uitz, Andreas Koerner
 2020, May, 704 Advanced Studio, Weitzman School of Design, University of Pennsylvania. Faculty Karel Klein
 2020, April, 704 Advanced Studio, Weitzman School of Design, University of Pennsylvania. Faculty Andrew Saunders
 2020, April, *EDGE MS Arch Tech, SciArc*, Faculty: David Ruy, Casey Rehm, Soomeen Hahm
 2020, April, *T4T Lab, Texas A&M*. Faculty Gabriel Esquivel, Gonzalo Vaillo
 2020, February, 704 Advanced Studio, Weitzman School of Design, University of Pennsylvania. Faculty Karel Klein
 2020, February, Undergraduate Design Studio, Pratt Institute. Faculty Nate Hume

Prizes, Awards, Exhibitions and Other Honours

2024- Dezeen Award, Shortlist, Nadarra
 2024- Architecture after AI, Exhibition at The University of Colorado, Boulder
 2023- Architecture after AI, Exhibition at The University of Texas, Austin
 2022- Permanent Collection, Dubai Museum of The Future
 2022- Work Exhibited, ACADIA Conference
 2022- Work Exhibited, Climate Art, London
 2021- 3D Pioneers Challenge, Highly Commended
 2021- Exhibited Works, Virtual Italian Pavilion, Venice Biennale
 2021- Work Exhibited, Climate Art, Rye
 2020- 3D Pioneers Challenge, Highly Commended
 2013 Mayor of London, Low Carbon Prize, Highly Commended
 2010-2012 Leverhulme Bursey for Digital Craft
 2007, RIBA Bronze Medal nomination