

IAN ADRIAN FLETCHER, PhD

Senior Lecturer

Leeds School of Architecture

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EDUCATION

- 2017 – present (2023) Doctor of Philosophy. School of Built Environment, Engineering and Computing, Leeds Beckett University, UK. Thesis Title: “A Bio-Based Composite Prepared with Agricultural By-Products, Fungi and Wastes: A Material Evaluation”, supervised by Dr. Ash Ahmed and Dr. Pauline Fitzgerald
- 2008 – 2009 Bachelor of Architecture (DipArch), Manchester School of Architecture, University of Manchester, UK. Design project in the Bioclimatic Architecture Unit entitled, “Rethinking Rubbish: A Carbon Neutral Plastic Recycling Facility”.
- 2007 – 2008 Master of Arts, Architecture and Urbanism (MA), Manchester School of Architecture, University of Manchester, UK. Dissertation Title: “Cinematic Visions of Urban Mobility: A Driving Perception”, supervised by Professor Greg Keefe and Professor Tom Jefferies.
- 2002 – 2007 Bachelor of Architectural Studies (BAS), Azrieli School of Architecture and Urbanism, Carleton University, Canada
- 1994 – 1996 Diploma in General Draughtsmanship (NEC), John Donaldson Technical Institute, Trinidad and Tobago

ACADEMIC APPOINTMENT HISTORY

- 2012 – present Senior Lecturer
Leeds School of Architecture, Leeds Beckett University, UK
- 2010 – 2012 Part-time Lecturer
Leeds School of Architecture, Leeds Beckett University, UK
- 2010 – 2012 Visiting Lecturer
Birmingham School of Architecture, Birmingham City University, UK.
- 2005 – 2007 Teaching Assistant
Azrieli School of Architecture and Urbanism, Carleton University, Canada.

PROFESSIONAL AFFILIATION

- 2016 Fellow of The Higher Education Academy, UK.

TEACHING ACTIVITIES

- 2012 – present Module Leader for AT1.2 Architectural Technology, AD2 Architectural Design Studio, AD3 Architectural Design Studio and MArch 1 Technology Futures.
Co-organiser for the Leeds School of Architecture Bi-annual Technology Symposium.

2010 – 2012 AD1 Architectural Design Studio, AC1 Architectural History and Theory, AC3 Architectural History and Theory, MArch 1 Architectural History and Theory.

RESEARCH AND OTHER SCHORLARLY ACTIVITY

- 2023 – present Research England and Leeds Beckett University Equity and Inclusion Research Fund, £4,000. Research project titled, “An Investigation on the Effects of using Vacuum Infusion to produce Laminate Mycelium Biocomposites with locally sourced Flax and Hemp Fibres, Woven Flax, and Hemp-fibre Cloths, and Bioresin.
- 2023 – present Leeds School of Arts Seed Funding, £2,000. Research project titled, “An exploration of Upcycling Fashion Waste Fabrics using Fungi”.
- 2020 “How Fungi Can Help Create a Green Construction Industry” [Online]. The Conversation. Available from: <https://theconversation.com/how-fungi-can-help-create-a-green-construction-industry-128041>.
- 2020 Invited keynote speaker at 1E9 The Conference, entitled, "A New Humanity", at the Deutsches Museum in Munich, Germany
- 2019 “Effect of Temperature and Growth Media on Mycelium Growth of *Pleurotus Ostreatus* and *Ganoderma Lucidum* Strains”. *Cohesive Journal of Microbiology & Infectious Disease* [Online], 2 (5). Available from: <https://crimsonpublishers.com/cjmi/fulltext/CJMI.000549.php>.
- 2019 School of Built Environment and Engineering Post Graduate Research Symposium presentation: “A Bio-Based Composite Prepared with Agricultural By-Products, Fungi and Wastes: A Material Evaluation: Initial Research Findings.
- 2015 “An effective approach for the management of waste coffee grounds” In; Gorse, C and Dastbaz, M (Eds.) *International SEEDS Conference*, 17-18 September 2015, Leeds Beckett University UK, Sustainable Ecological Engineering Design for Society.
- 2014 UnLtd Do It Award, £5,000. Co-funded by UnLtd Social Enterprise, Leeds Beckett University Enterprise Academy, and the Higher Education Funding for England (HEFCE).
- 2011 “Cinematic Visions of Urban Mobility: A Driving Perception” in; Harris, J and Williams, R (Eds) *Regenerating Culture and Society*, Liverpool University Press.
- 2008 “CinCity: Visions of the City in Cinema”, In; *Magical Mysterious Regeneration Tour and Postgraduate Research Symposium*, 12-14 June 2008, University of Liverpool and Tate Liverpool, UK.

EXTERNAL EXAMINERSHIP AND EXTERNAL ACTIVITIES

- 2021 – present External Examiner for the BSc (HONS) Architecture Degree Programme at Queens University Belfast, UK
- 2021 – present External Examiner for the BSc (HONS) Architecture Degree Programme at University of Wolverhampton, UK

WORK EXPERIENCE

- 2005 Architectural Assistant
Scott Muizniek Architects Ltd., Trinidad and Tobago
- 2003 Architectural Assistant
SRM Architects Ltd., Barbados

1997 – 2002

Architectural Technician

Nigel A. Ali Architects Ltd., Trinidad and Tobago