

Name: David Turnbull

Courses Taught (Four semesters prior to current visit):

ARCH 151A – Thesis (Fall 2014)

ARCH 151B – Thesis (Spring 2014, Spring 2015)

Educational Credentials:

University of Bath BSc BArch (Hons) - Architecture & Building Engineering

Teaching Experience:

26 years - Bartlett, University College London, Architectural Association, Yale (Eero Saarinen Visiting Professor), University of Toronto (CITY-TV Visiting Professor) Columbia University (Adjunct Professor), University of Bath (Professor), University of Pennsylvania (Adjunct Professor), African University of Science & Technology, Abuja, Nigeria (Visiting Professor), Cornell University (Visiting Professor) & The Cooper Union

Professional Experience:

over 30 years - Buro Happold, Michael Brawne and Associates, ARUP, James Stirling, Michael Wilford and Associates, ATOPIA Innovation & ATOPIA Research / PITCHAfrica

Selected Publications and Recent Research:

Digital Tectonics, edited by Turnbull, Williams and Leach, published by John Wiley – Academy Editions, 2004

Waterbanks (2008 - ongoing) : High yield rainwater harvesting building types - seven variations completed.

Winner 'The Greenest School on Earth' 2013, Buckminster Fuller Institute / Interface Support Award 2013, nominated for Designs of the Year 2015, Design Museum, London & INDEX Award, Copenhagen, Denmark 2015.

Design-research supported by grants from: Annenberg Foundation, NSF, Zeitz Foundation, Interface Inc; & Wright-Ingraham Foundation

Patents held: 3 US & Worldwide - (a) Continuously supplied water filtration banks, (b) Sports Pitch rainwater harvesting systems, (c) Deployable Wind Turbine & Battery.

Forthcoming: 'Sustainable Architecture Assemblages', chapter in a book in collaboration with Dr. Maria Theodorou, 'Building Sustainable Futures: Design and the Built Environment', edited by Mohammad Dastbaz, Jon Price and Ian Strange, to be published by Springer in 2015

Professional Memberships:

FRSA