

ACADEMIA

2013 – PRESENT

HOWARD UNIVERSITY, COLLEGE OF ENGINEERING AND ARCHITECTURE, WASHINGTON DC

Assistant Professor / Researcher/NCARB Licensing Advisor/AIAS Mentor/NAAB coordinator

2010 – 2014

UNIVERSITY OF DISTRICT OF COLUMBIA, COMMUNITY COLLEGE, WASHINGTON DC

Adjunct Professor – Design and Theory, Construction Management

2010 – 2014

MONTGOMERY COLLEGE, ROCKVILLE MD

PROFESSIONAL PRACTICE

- 2007–Present, **Showcase Architects and Developers**, North Bethesda, MD
Founder, Principal Architect, Developer and Sustainability, Land planning, Decarbonization, single-family residential design, construction management, green architecture, interior and commercial design, renovation/remodeling, new construction
-

EDUCATION

- 2023- Elevated to the Fellows in American Institute of Architects
- 2022 – Koru certified, mindfulness and meditation teacher
- 2021 – AIA. Disaster Safety Assessment. Trained Evaluator (SAP), Registered (91600)
- 2021 - Koru Trained Mindfulness, Certified Iyengar Yoga trained teacher
- 2019-2020 – International Code Council (ICC) Plumbing and Residential Inspector
- 2015 – National Council Architectural Registration Board (NCARB)
Certificate Holder (81226), Yoga Alliance certification (200 RYT), BIM certification
- 2005 – Registered Architect, State of Maryland (14591), District of Columbia (100836), Commonwealth of Virginia, US (81226)
- 2003 – LEED AP, USGBC
- 1998 - Master of Architecture and Urban Planning, India, Thesis: “Waterfront Development and Planning in Urban Metropolis,” Anna University
- 1996 - Bachelor of Architecture and Urban Planning, India, Thesis: “MIOT- Ortho Trauma Hospital and Rehabilitation,” Anna University

AWARDS/ FELLOWSHIP

- Deans Equity and Inclusive Initiative Fellow, cohort #3, 2023-34 Dumbarton Oaks, DC
- Faculty mentor, 2023 Solar decathlon won third place in international competition, National Renewable Energy Laboratory, NREL, U.S. department of Energy.
- 2023- Elevated to the Fellows in American Institute of Architects
- Spring 2023 – NAAB team for Carnegie Melon, Professional designation
- 2023 -Invited, Advisory board member, MSI STEM Research and Development Consortium (MSRDC), an intent to collaborate on a Department of Energy (DOE) project titled, Building Energy Innovation and Minority Serving Institutions Partnerships.
- 2022 -PAVE, Planning, and visual education global, Educator of the year award
- 2022 – Awarded Zero Energy design designation, Department of Energy, Howard
- 2022- Appointed by Governor of Maryland to Real Estate commission.
- 2022 – Invited, Sustainability across the Curriculum Workshop, Santa Clara University,
- 2022 -Course Development Prize in Architecture, Climate Change, and Society. ACSA + Buell center, *“Environmental Justice (EJ) + Health + Decarbonization*, \$10,000 prize to develop course at Howard University.
- 2022 - Lumen Circles, Fellowship, *“Evidence based teaching”*, Howard University
- 2021-22 Research and Collaboration with HBN (Healthy Building network and student for curriculum integration, raised \$23,000.00(twenty-three thousand dollars)
- 2021-23, Howard University + Stanford University partnership, Raised \$50,000 for new course Building decarbonization for student scholarship.

PUBLISHED PAPER

- Noma Journal “Transformation of school Education design”, co-authored with Jeff Luker, Quinn Evans, European - Susana Figueroa and Nuno (expected 2024)
- Maloo, N. & Dahlia (2019-20) *“Strategic methods of Integrating Building science and Design?”*, published at the 108-annual meeting, ACSA Association of Collegiate Schools of Architecture (A’20)
- Maloo, N. & Onyango, J. , University of Notre Dame); *“Analysis of impact of Window design detail on energy demand profile of typical hotel”* ,peer reviewed and published 2019 <http://mts.intechopen.com/articles/show/title/isbs-2019-4th-international-sustainable-buildings-symposium>, chapter 54
- Maloo, N, " *Healing of patients with Nature's positivity and Social distraction* " Poster published at HIBR- NIH (National Institute of Health) 2018

SPEAKER

- Maloo N, speaker, AI and future of Architecture, NCARB regional east summit, Sept 2023
- Maloo N, speaker, Methods of teaching Decarbonization, Developing Decarbonization curriculum, HBCU teachers, July 2023
- Maloo N, Speaker, Environmental Justice, and Climate: How Teaching Building Decarbonization to the Next Generation of AEC Professionals Will Fulfill Our Promise, Greenbuild Conference, Washington DC, Sept 2023
- Maloo, N & Katherine Williams “Architect’s roadmap for being developer”, Architecture Exchange East taking place Nov. 7–9, 2018, at the Greater Richmond Convention Center in Richmond, Virginia
- Maloo, N, speaker" *Healing of patients with Nature's positivity and Social distraction* " 2018 HIBR Conference. - Health in Buildings for Today and Tomorrow, NIH (National Institute of Health) Making Connections July 17,2018
- Maloo, N & Hazel Edwards, “*Resilient Women – The case of Howard University Graduates of Architecture and Planning*” Speaker at Design DC 2017, Oct 4 Washington DC.

RESEARCH GRANTS

- Maloo N, Energy Education prize, Inspire track, DOE.
- **Maloo N**, Pi, STAR (Student Training in Applied Research Program) Student research dissemination and Professional Development, 2023-23, budget \$ 89, 892.
- **Maloo N**, co pi, Dr. Sen PI, “*Howard University Climate Resilience and Adaptation Center*”, submitted Biological and Environmental Research, Department of Energy, March 2023.one million dollars.
- **Maloo, N** , Gift from Healthy Building network, Plan and implement student-designed research projects that address the human and environmental health impacts of building materials, especially in the context of affordable housing design and environmental justice implications of materials, 2021-22
- Maloo, N(team member), Dr Marin C PI, Civil Engineering Howard University ,University of Kentucky(UK) and Southern Illinois University (SIU) “*Infrastructure Safety Monitoring* “, Civil Engineering Department, NSF convergence accelerator , awarded 2020-21, [Infrastructure Safety Monitoring with Artificial Intelligence \(ISMwithAI\)](#)
- Maloo, N(co PI), Dr. Mosleh, M, PI, Howard University”, “*Industry- research inclusion in STEM education (I-RISE)*”, Department of Education, awarded 2019-2020, <https://howardirise.wixsite.com/mseip-irise>.

SERVICES

- Spring 2023 – NAAB team for Carnegie Melon, Professional designation
- Appointed in the advisory board MSI STEM Research and Development Consortium (MSRDC)
- President- Elect, Building Technology Educator Society, BTES 2022-23
- AIADC, Committee in Education, Co- chair
- NCARB (national Council of Architectural Registration Board) Committee member for Test prep Exam questions ARE 5.0., 2021- 22.