

DAHLIA ROBERTS NDUOM, AIA, NOMA

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EDUCATION

COLUMBIA UNIVERSITY, Graduate School of Architecture, Planning and Preservation

Master of Architecture

- Columbia GSAPP Abstract Publication (Fall 2006, Spring 2007, Spring 2008 and Spring 2009)
- Awarded Lucille Smyser Lowenfish Memorial Graduation Prize for best final studio project (w/Rychiee Espinosa).

New York, NY
2009

UNIVERSITY OF PENNSYLVANIA, The College of Arts and Sciences

Bachelor of Arts, Double Major in Architecture and Visual Studies

- Concentrations: Design (Architecture) and Art and the Culture of Seeing (Visual Studies)
- Thesis: "The Cultural Perception of Space and Color: An Approach to Caribbean Regionalism"

Philadelphia, PA
2006

REGISTRATIONS

DISTRICT OF COLUMBIA BOARD OF ARCHITECTURE, Licensed Architect

Washington DC
2015- Present

ACADEMIC POSITIONS

HOWARD UNIVERSITY, College of Engineering and Architecture, Department of Architecture

Assistant Professor

- Assistant Professor in the Department of Architecture with a research focus on the relationship between history, culture and perception and its impact on the architecture of the African Diaspora. Current research focuses on the definition of home in the African Diaspora. The research focuses on traditional modes of dwelling and studies how these have shifted over time due to changing values and global influence. It also explores the way people dwell and begins to understand the spatial implications and systems occurring in the home. The research begins to catalog this information to propose a set of criteria that can be used in evidence - based design solutions for housing

Washington DC
08.2017-Present

Classes Taught:

- ARCH 201: Design III (Fall 2017, Fall 2018, Fall 2019, Fall 2020)
- ARCH 202: Design IV (Spring 2018, Spring 2019, Spring 2020)
- ARCH 662: Tropical Architecture and Urbanism (Fall 2017, Fall 2018)
- ARCH 664: Design for Low Cost Housing (Spring 2019)
- ARCH 421: Housing, Design and Equity (Spring 2020)
- Directed Study: NASA Grant (Fall 2019)
- Directed Study: Affordable Housing and Co-Living (Spring 2018)
- Independent Study: Textiles in Architecture (Fall 2018)
- Independent Study: Case Studies of Tropical Architecture and Urbanism (Spring 2018)

ASHESI UNIVERSITY, Department of Business Administration

Adjunct Lecturer

- Adjunct Lecturer in the Business Administration department teaching Foundations of Design and Entrepreneurship (FDE). The course seeks to use the design thinking process to generate new ideas and opportunities which can be developed into feasible, viable and desirable businesses.

Berakuso, Ghana
Fall 2015

COLUMBIA UNIVERSITY: Office of Special Programs, Graduate School of Architecture, Planning and Preservation

Adjunct Assistant Professor

Associate in Architecture

- Studio Critic of design studio in the New York/Paris Program and Introduction to Architecture programs.

New York, NY
09.2009-09.2011
06.2009-09.2009

PROFESSIONAL EXPERIENCE

DAHLIA NDUOM DESIGN, *Founder*

- Dahlia Nduom Design is an interdisciplinary architecture research studio inspired by intersections between art, culture and perception. DND explores African and Caribbean architecture while investigating how architecture is experienced, perceived and inhabited. Informed by rigorous research and material explorations, the studio addresses the cultural, social, economic and sustainable issues unique to these locales.

Washington DC./Ghana
05.2015-07.2017

ADJAYE ASSOCIATES, *Project Lead*

- Project Lead at award winning international firm, Adjaye Associates, playing a significant leadership role in the numerous projects run out of the Accra office working on all stages of the design process across various scales and typologies.
- Key projects included:
 - 5,000 sq m Office Development - Dakar, Senegal
 - Mixed Use Development - Johannesburg, South Africa
 - 40,000 sq m Children's Cancer Hospital - Kigali Rwanda
 - 2000 acre Masterplan - Takoradi, Ghana

Accra, Ghana
09.2013-05.2015

PROFESSIONAL EXPERIENCE cont.

CONSTRUCTS LLC, *Project Architect*

- Project Architect at Ghanaian based architecture firm focusing on innovative and sustainable approaches to African architecture.
- Key projects included:
 - 1000 sq m Residential Development - Elmina, Ghana

Accra, Ghana
10.2012-09.2013

PKSB ARCHITECTS, *Junior Architect*

- Contributed to the development of residential and commercial projects using Auto CAD, Sketch Up, Maxwell Rendering Software and Adobe Suite.
- Worked on all phases of the design and construction process (Schematic Design, Design Development, Construction Documents and Construction Administration).
- Key projects included:
 - 20 Henry Street Residential Development - Brooklyn, New York
 - 210 Joralemon Street Commercial Development - Brooklyn, New York

New York, NY
10.2010--09.2012

STAN ALLEN ARCHITECT, *Junior Designer*

- Assisted in the development of residential, commercial and urban scale projects.
- Projects included model making, 3D rendering and drawings using Auto CAD at various phases in the design process.
- Key projects include:
 - Taichung Infobox - Taichung, Taiwan
 - M and M House Studio Addition - Cold Spring, New York

New York, NY
11.2009--06.2010

AWARDS, COMPETITIONS AND GRANTS

NASA HOME STRI

- Co-PI on awarded NASA grant with PI Dr. Hazel Edwards for proposal "The HOME Space Technology Research Institute for Deep Space Habitat Design." Howard University is part of a 6 University team led by PI at UC Davis.

03.2019-Present

HOWARD UNIVERSITY, JUNIOR FACULTY WRITING AND CREATIVE WORKS SUMMER ACADEMY

2019

MOMA PS1 YOUNG ARCHITECT'S PROGRAM NOMINEE

- Nominee selected to participate in the MOMA PS1 Young Architect's Program. The Young Architect's Program offers an opportunity for emerging architects to experiment with innovative projects housed in the courtyard of the MOMA PS1 in NYC. Submitted a proposal for consideration with collaborator, Martin Paddock

11.2018

NATIONAL ORGANIZATION OF MINORITY ARCHITECTS (NOMA) HONOR AWARD: Unbuilt Category

- "HONOR Award" received in the Unbuilt Category in recognition of significant contribution to the architecture profession and for achievement of excellence in design for the North Ridge Apartments.

10.2017

CPDI AFRICA COMPETITION

- Honourable mention in competition to investigate new ways of looking at modern residential African architecture. Paper published in Kennesaw State University ATL: Vol 1: No 1, Article 30

12.2015

PUBLISHED CREATIVE WORKS

- Nduom, Dahlia. "North Ridge Apartments ," *NOMA Magazine*, Spring 2018, 10.
- Nduom, Dahlia. "Ebusua Fie," *ATL*, Vol. 1 : No. 1 (2016), Article 30.
- Nduom,Dahlia. "Drawing mapping the trajectory of Kente Cloth as it becomes a commodity over time," *DOMUS MAGAZINE*, 927 (2010): 36.

PEER REVIEWED CONFERENCE PRESENTATIONS AND PROCEEDINGS

- Nduom, Dahlia and Farhana Ferdous. "Challenges and Opportunities in Teaching Architecture Design Studio during the COVID-19 era: an HBCU Perspective." Full paper submitted to the *ACSA 109th Annual Meeting: Expanding the View: Prospect(s) for Architectural Education Futures* (2020).
- Nduom, Dahlia and Nea Maloo. "Strategic Methods for Integrating Building Science and Design." Paper presented at the *ACSA 108th Annual Meeting, Virtual Conference* (2020). Proceedings forthcoming.

PEER REVIEWED CONFERENCE PRESENTATIONS AND PROCEEDINGS cont.

- Edwards, Hazel and Dahlia Nduom. "Optimizing the Livability of Space Habitats: Using Design Thinking to Frame Research of an Atypical Architectural Design Problem." Presented at the *ARCC Virtual Conference: Student Education* (2020).
- Nduom, Dahlia. "The Language of Traditional Architecture in Contemporary Ghanaian Architectural Practice." Paper presented at the *ACSA FALL CONFERENCE: Play With the Rules* (Milwaukee, WI, 2018).
- Nduom, Dahlia. "The Practice of Domesticity vs the Ideal of Domesticity in Accra, Ghana." Paper presented at the *ACSA FALL CONFERENCE: Play With the Rules* (Milwaukee, WI, 2018). Proceedings forthcoming.
- Nduom, Dahlia. "Housing and Culture in Ghana: A Model for Research and Evidence-Based Design" in *Proceedings of the ARCC-EAAE INTERNATIONAL CONFERENCE 2018: Architectural Research for a Global Community* (Philadelphia, PA: ARCC, 2018) 79-87.
- Nduom, Dahlia. "Complexity and Diversity of Housing in Jamaica: Perception vs Reality." Presented at the *Unexpected Caribbean Symposium* (Lawrence, KS, 2018).

INVITED CONFERENCE PRESENTATIONS AND LECTURES

- Nduom, Dahlia "Panel 3: The College Stress: Student-driven Discussions on the Impact of the Coronavirus and Pre-existing Inequalities," at *Encompass, AIA/LA Virtual Conference* dedicated to increasing diversity in the architecture profession (September 3rd, 2020).
- Edwards, Hazel, Dahlia Nduom, Isabella Adekoya, Joshua Ajayi, Jenna Greer, Alyssa Jenkins, and Maya Thornton. "Optimizing the Livability of Space Habitats: Lessons Learned from Earth-Bound Environments" at the *NASA Home Technical Seminar* (October 29th, 2020).
- Nduom, Dahlia. "Tourism, Tropicalization and the Architectural Image: An Analysis of Montego Bay, Jamaica." Presented at the *Junior Faculty Writing and Creative Works 2019 Summer Academy* (Washington DC, July 2019)
- Moderator "Future Directions" at the *Broken Landscapes: Local Perspectives on Black Architects and Planners since 1968 Symposium* (Washington DC, September 2018).

IN PROGRESS

- Nduom, Dahlia. "Tourism, Tropicalization and the Architectural Image: An Analysis of Montego Bay, Jamaica." In preparation for resubmission to *Space and Culture*
- Nduom, Dahlia. "The Tourism Narrative: Unravelling the Complexity and Diversity of Housing in Jamaica." In preparation for submission to *Journal of Architectural Education* (JAE) 75, 2
- Nduom, Dahlia. "Climate Change, Climate Justice and Education." NSF Workshop Proposal

PROPOSALS SUBMITTED

- Nduom, Dahlia. "Climate Justice and the Caribbean: An Analysis of Incremental Housing." Submitted to Columbia Graduate School of Architecture, Planning and Preservation's (GSAPP) Incubator Prize (Submitted July, 2020)
- Nduom, Dahlia. "Architecture, Tourism and Tropicalization: The Perception vs Reality of Housing Architecture in Jamaica." Submitted to Graham Foundation (Submitted February, 2020)
- Edwards, Hazel and Dahlia Nduom. "NASA HOME Space Technology Research Institute for Deep Space Habitat Design." Submitted to NASA with UC Davis (PI), University of Colorado, Boulder, Carnegie Mellon University, Georgia Institute of Technology, University of Southern California and Texas A and M University (Submitted 2018/Awarded 2019).

PROFESSIONAL MEMBERSHIPS

- *Member*, American Institute of Architects 2017- Present
- *Member*, National Organization of Minority Architects 2017- Present
- *Honorary member* Tau Sigma Delta Honor Society in Architecture and Allied Arts, Alpha Beta Chapter at Howard University Initiated 2017

SERVICE

UNIVERSITY

- *Member*, Real Estate Developer Selection Committee for Bond Bread/WRECO Fall 2018
- *Member*, General Education Taskforce at Howard University. Spring 2018-Fall 2018

COLLEGE

- *Member*, Student Development, Career Readiness, and Improved Student Culture Working Group 2020
- *Member*, Ad hoc CEA By-Laws Committee 2020
- Faculty Marshall 05.2018

DEPARTMENT

- Assistant Secretary Spring 2020- Present
- ACSA Faculty Councilor Fall 2017-Present
- *Chair*, Lectures and Exhibitions Committee (*Member* for Fall 2017-Fall 2019) Fall 2019-Present
- *Member*, Recruitment and Scholarship Committee (*Chair* for AY 2017-2018) Fall 2017-Present
- *Member*, Curriculum Committee Fall 2017-Present
- *Member*, Awards/Recognition Committee Fall 2017-Fall 2020
- *Member*, Technology and Website Committee Fall 2017-Present
- Research Week Faculty Advisor - Kinshasa Campbell Poster Presentation April 2018

OTHER

- *Peer Reviewer*, 2020 AIA/ACSA Intersections Research Conference: CARBON 2020
- *Volunteer*, Archiafrika, a nonprofit dedicated to promoting the architecture of the African Diaspora, through educational workshops, conferences, exhibitions, magazines and community engagement. 2012-2013
Summer 2020

PROFESSIONAL DEVELOPMENT

- Continuing Education Credits for License Renewal (Licensed Architect in the District of Columbia.
- Blackboard Certification (CETLA, 2020)
- Distance Learning Certification (CETLA, 2020)
- CITI Certification
- National Center for Faculty Development and Diversity, *Faculty Success Program*, Fall 2019
- Howard University, *Junior Faculty Writing and Creative Works Academy*, Summer 2019
- ACSA *New Faculty Workshop* (2018)
- ACSA *Defining Your Research Workshop* (2018)
- ARCC *Writing for Architectural Journals Workshop* (2018)

COMPUTER SKILLS

Proficient in:

- AutoCAD · Rhinoceros · 3DS Max · Photoshop · InDesign · Illustrator · After Effects · Acrobat · Sketch up · Maxwell Rendering Software · V-Ray Rendering Software · Microsoft Office (Word, Excel and Powerpoint).