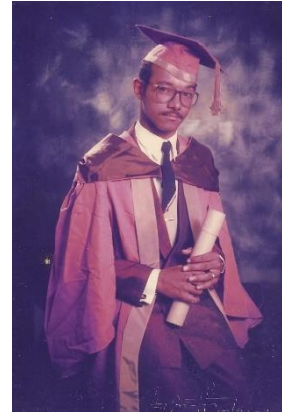


"TOWN & GOWN."

"The Role of Architecture in Shaping Human Behaviour."



By Arc. David 'Lola Majekodunmi *mnia, riba, aia (intl.assoc.)*



"The Role of Architecture in Shaping Human Behaviour."

"There is no doubt whatever about the influence of architecture and structure upon human character and action. We make our buildings and afterwards they make us. They regulate the course of our lives."

Winston Churchill, addressing the English Architectural Association, 1924

"The Role of Architecture in Shaping Human Behaviour."

- *Each building type has different functions, and for each there's an imperative to use the building to help create an optimal mood, desire or sense of coherence, security or meaning.*
- ***Architecture** do influence **human behavior** in many ways. ... This is true whether the environment is natural or man-made. Understanding the way in which environments effect people could enable the design and construction of work, recreation and living space that has the ability to influence people's **behaviors***

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Definition of Architecture by famous Architects

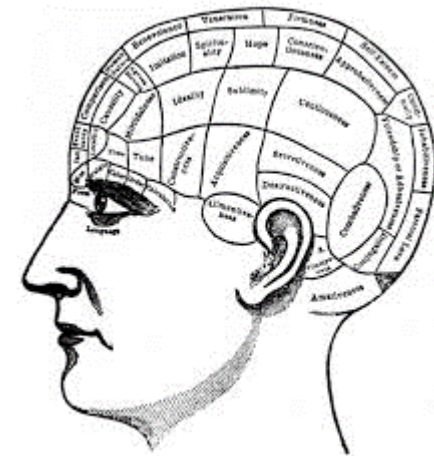
- *God is in the details. – Ludwig Mies van der Rohe*
- *Whatever good things we build end up building us. – Jim Rohn*
- *Life is architecture and architecture is the mirror of life. – I.M. Pei*
- *Architecture is a visual art and the buildings speak for themselves. – Julia Morgan*
- *Architecture is the learned game correct and magnificent of forms assembled in the light. – Le Corbusier*
- *Good buildings come from good people and all problems are solved by good design. – Stephen Gardiner*
- *Architecture is an expression of values. – Norman Foster*
- *Any work of architecture which does not express serenity is a mistakes. – Luis Barragan*
- *One of the great beauties of architecture is that each time it is like life starting all over again. – Renzo Piano*
- *The difference between good and bad architecture is the time you spend on it. – David Chipperfield*
- *I believe that the way people live can be directed a little by architecture. – Tadao Ando*
- *We do not create the work. I believe we, in fact, are discoverers. – Glenn Murcutt*

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Human Behavior refers to the full range of physical and emotional **behaviors** that **humans** engage in; biologically, socially, intellectually, etc.

Factors that affect human behavior include :

- attitude,
- perception,
- genetics,
- culture,
- social norms and ethics of a society,
- religious inclination,
- coercion
- and influence by authority.



"The Role of Architecture in Shaping Human Behaviour."

Attitude

: a tendency to respond positively or negatively towards a certain idea.

High Tech Modern Villa for an Engineer (Germany)

Architect: Harald Eppler from the Eppler + Bühler architectural practice.

*The design reflects part of the client's attitude to life via the forms and materials:
a facade largely made of metal, glass and finished concrete and enough space
for his collection of cars*

*Make no mistake between my
personality and my attitude.
My personality is who I am, my
attitude depends on who you are.*

*"Attitude is a little thing that
makes a big difference*

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Brutalist architecture (between the 50's and late 70's).

At the time the style was praised for it's socially progressive attitude and simplicity of forms.

Brutalism emphasized bold, sharp angles and tried to evoke a protective atmosphere.

The depressed post-war economy meant architects needed inexpensive materials to work with. So bare concrete immediately became associated with the style.

The term originates from the French word for "raw" in the term used by Le Corbusier to describe his choice of material béton brut (raw concrete).



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Perception: the process of interpreting something that we see or hear in our mind and use it later to judge and give a verdict on a situation, person, group.

Perception: the ability to see, hear, or become aware of something through the senses.

Visual qualities of spaces dominate our perception of a building.



Perception in Architecture is to introduce a few, select experimental projects in which in facades play a central role.

Facades define spatial and visual boundaries and are the most memorable elements of **architecture** in public spaces.

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Genetic Architecture

When Buildings Think With Their Surroundings

Architect: Karl Chu.

creating buildings and other objects that can build themselves, endowed with a certain kind of intelligence, and that make up a massive "self-aware" built ecosystem



Scientific research laboratory. Brussels

Architect: R²D² Architecture



Leonardo Glass Cube

Architect: 3 Deluxe

..is a glass-fronted brand pavilion in Bad Driburg, Germany

..is used for informal meetings and corporate hospitality.

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Changzhou Culture Center Building

*Architect: gmp · von Gerkan, Marg and Partners · Architects
Shanghai, south east China*

Culture Architecture

Traditionally, architecture simultaneously reflects and influences culture, in a circle that arcs from national expression through to neighbourhoods, workplaces,

Taj Mahal

Architect: Ustad Ahmad Lahouri

The Taj Mahal is an ivory-white marble mausoleum on the south bank of the Yamuna river in the Indian city of Agra.



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Typical Spaces Designed to Stimulate Our Senses:

- **Sound:** Anechoic Chamber, South Bank University, London
... the walls of foam blades absorb almost every sound,
- **Sight:** Backside Of The Moon, Naoshima
Japan's "Art Island" is home to a timber-clad building that stretches the sense we take for granted most: contains a pitch-black space that renders you blind for what might seem like forever.
- **Smell:** The Art of Scent, Museum of Art and Design, New York City
first major exhibition focus on fragrance as an artistic medium rather than just a consumer product.
- **Taste:** Chocolate Room, American Pavilion, Venice
Originally created for the 35th Venice Biennale in 1970, American artist Edward Ruscha created the 'wallpaper' of this room by silk-screen printing 360 sheets with Nestlé chocolate..
- **Touch:** Hazelwood School, Glasgow
designed specifically for children who are "dual sensory impaired" – meaning the sense of touch was infinitely more crucial in fostering their independence and aiding their orientation around the building.



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Makoko Floating School

Architect: Kunle Adegemi

Makoko Lagos

makes use of local materials and resources to produce architecture



Social Norm / Ethics of a Society

Freedom of Speech or Respect for other's Religion.
And what does it mean for style of integration.



Handmade School, Rudrapur, Bangladesh

Architect: Quilian Riano

was built with the assistance of local craftsmen



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Faith Terbanacle:

Headquarters of Living Faith Church Worldwide

Architect: Bishop David O. Oyedepo

*A Nigerian Christian author, architect, preacher & founder/
presiding Bishop of Living Faith Church Worldwide, also
known as Winners' Chapel*



Religious Architecture

- *Religion is probably the reason for 'architecture*
- *Architecture was probably the reason for the rise of civilisations itself*
- *Using Decorations in Architecture of Religious Constructions.*



The Cathedral Church of Christ Marina Lagos

Architect: Bagan Benjamin



Gaddafi Mosque in Old Kampala

Architect: Eng. Muhammed Abed Shukri

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US Capitol Building, Washington

Architects:

- Benjamin Henry Boneval Latrobe (May 1, 1764 – September 3, 1820)
- Dr. William Thornton (May 20, 1759 – March 28, 1828)
- Thomas Ustick Walter (September 4, 1804 – October 30, 1887)
- Charles Bulfinch (August 8, 1763 – April 15, 1844)

Coercion Architecture

- Which architecture best expresses the will of our age?
- Architecture is the will of the age conceived in spatial terms

The Pantheon '(temple) to all the gods'
is a building in the Latin Quarter in Paris.

It is an early example of neo-classicism,
modelled on the Pantheon in Rome,
surmounted by a dome.

Designer Jacques-Germain

Parthenon in Ancient Greece



Pantheon in Paris



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Building a Better World

Leon Battista Alberti, an Italian Renaissance-era architect, claimed in the 1400s that balanced classical forms would compel aggressive invaders to put down their arms and become civilians

Frank Lloyd Wright, the US architect who designed one of the most famous buildings in America, Fallingwater, similarly believed appropriate architecture would save the US from corruption and turn people back to wholesome endeavours

British author and thinker Ebenezer Howard believed companies would be more efficient if their employees lived in village-like garden communities

Swiss-born French architect Le Corbusier made claims about how his Villa Savoye building in France would heal the sick – and when it did just the opposite, he only avoided court because of the commencement of the second world war

Is there a role for imagined futures without rationalist restrictions?

environments do affect us, regardless of whether by design or by accident

the more a good environment will affect people positively and the less a bad one will affect them negatively

Each building type has different functions, and for each there's an imperative to use the building to help create an optimal mood, desire or sense of coherence, security or meaning.

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Building a Better World

