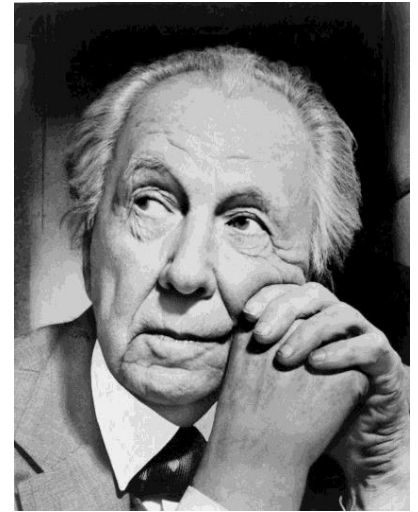


THE LIFE AND WORK OF FRANK LLOYD WRIGHT



PART 7:
Ages 79 (1946) to 91 (1958)
In Wisconsin and Arizona



JT Wunderlich PhD

website: <http://users.etown.edu/w/wunderjt/> [Architecture Portfolio](#)

8/28/2018



PART 1: Frank Lloyd Wright Age 0-19 (1867-1886) [PDF](#) [PPTX-w/audio](#) [MP4](#) [YouTube](#)

Context: Post Civil War recession. Industrial Revolution. Farm life. Preacher/Musician-Father, Teacher-Mother. Mother's large influential Unitarian family of Welsh farmers. Nature. Parent's divorce.

Architecture: Froebel schooling (e.g., blocks). Barns/farm-houses ([PDF](#) [PPTX-w/audio](#) [MP4](#) [YouTube](#)). Organic Architecture roots.

PART 2: Frank Lloyd Wright Age 20-33 (1887-1900) [PDF](#) [PPTX-w/audio](#) [MP4](#) [YouTube](#).

Context: Rebuilding Chicago after the Great Fire. Wife Catherine and first five children.

Architecture: Architects Joseph Silsbee and Louis Sullivan. Oak Park. Home & Studio. "Organic Architecture" begins.

PART 3: Frank Lloyd Wright Age 34-41 (1901-1908) [PDF](#) [PPTX-w/audio](#) [MP4](#) [YouTube](#).

Context: First Japan trip ([PDF](#) [PPTX-w/audio](#) [MP4](#) [YouTube](#)). Arts & Crafts movements. Six children.

Architecture: Prairie Style. Oak Park & River Forest, Unity Temple, Robie House, Larkin Building.

PART 4: Frank Lloyd Wright Age 42-47 (1909-1914) [PDF](#) [PPTX-w/audio](#) [MP4](#) [YouTube](#)

Context: Runs off with Mistress. Lives in Italy ([Page](#) [MP4](#) [YouTube](#)). Builds Taliesin on family farmland. Mistress murdered.

Architecture: Wasmuth Portfolio published(Germany). Taliesin. Many operable windows for health & passive cooling. Sculptures.

PART 5: Frank Lloyd Wright Age 48-62 (1915-1929) [PDF](#) [PPTX-w/audio](#) [MP4](#) [YouTube](#)

Context: WWI, Roaring 20's. Short 2nd marriage. Lives 3 yrs in Japan, then California and Wisconsin. 3rd marriage (Olga).


Architecture: Tokyo Imperial Hotel. Textile Houses in California (with Mayan influences).

PART 6: Frank Lloyd Wright Age 63-78 (1930-1945) [PDF](#) [PPTX-w/audio](#) [MP4](#) [YouTube](#)

Context: 1930's Great Depression. WWII. Taliesin Fellowship/school. Utopian-Ideals(communal-living) Winters in AZ.

Architecture: Broadacre City, Fallingwater, Johnson Wax Building, Taliesin-West, Hanna-Honecomb House, Usonian Homes.

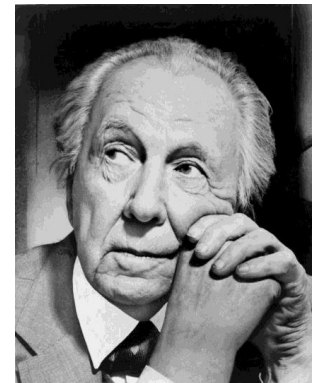
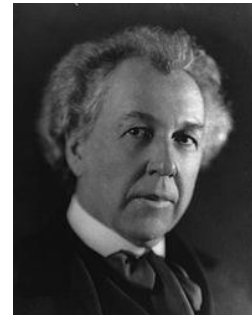
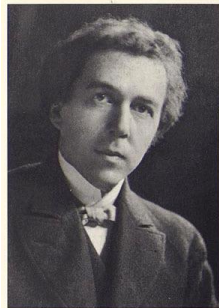
PART 7: Frank Lloyd Wright Age 79-91 (1946-1958++) [PDF](#) [MP4](#) [PPTX-w/audio](#) [YouTube](#) **THIS LECTURE**

Context: Post-WWII boom. Cold War. Communal living at Taliesin. FLW dies in 1959. Fellowship/school continued at Taliesin & Taliesin-West by Olga for 27 years -- and still exists today with some very recent changes. 

Architecture: Price Tower, Churches/Synagogue/Auditoriums. The Guggenheim. AZ homes, Modern materials.

○ First, a quick review of:

- PART 1 Ages 0 to 19
- PART 2 Ages 20 to 33
- PART 3 Ages 34 to 41
- PART 4 Ages 42 to 47
- PART 5 Ages 48 to 62
- PART 6 Ages 63 to 78



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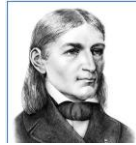
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FRANK LLOYD WRIGHT'S EARLIEST INFLUENCES

[FROEBEL 2013, PENN RARE BOOK 2014, HUXTABLE 2004, STORRER 2017, WRIGHT 1957, BURNS 2001]

- **FROEBEL** influenced by Taoism and Buddhism
 - Japanese Shinto rooted in Chinese Taoism
 - Shinto Gods in everything, especially **nature**
 - FLW would later love Japanese Art, Design, and Culture
- Mother's family were all **UNITARIANS**
 - Inspiration from all religions, love **nature**, God in everything



Friedrich Froebel
1782-1852 Germany



Maria **Montessori**
1913 in Italy



FATHER

Preacher, Lawyer, School Superintendent, Teacher, Musician
 B.A., M.A. Colgate University
"Artist, photographer, and designer of furniture, graphics, books, and buildings, his patronage of Chinese and Japanese art, his obsession with every aspect of his surroundings, his dedicated collecting of beautiful things, owed much to his father" [Huxtable 2004]



MOTHER

Homeschool Teacher
using Froebel System

Others in history homeschooled:
 Leonardo da Vinci, Monet, Mozart, Bach,
 Newton, Ben Franklin, Edison, Jefferson,
 Washington, Einstein, Teddy and
 Franklin-Delano Roosevelt, Churchill,
 John Muir, and the Wright brothers



Most of childhood in rural **WISCONSIN**

- Like Pennsylvania farmland



Frank Lloyd Wright 1867-1959



Future
Designers

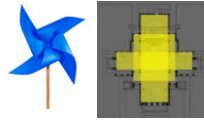


ORGANIC ARCHITECTURE DESIGN PRINCIPLES

Frank
Lloyd
Wright

CONFORM TO SITE, sun, topography, environment

PINWHEELED PLANES -- CRUCIFORM



- PRAIRIE-SCHOOL, BROAD CENTRAL CHIMNEY, LONG CANTILEVERS (overhangs & balconies)

FOLDED PLANE like origami ...continuity...walls, ceilings, and floors become one

SIMPLE GEOMETRIES

HUMAN SCALE

OPEN FLOOR PLAN

FROEBEL
BLOCKS



UNITARIAN
MOTHER
Teacher



Japanese Buddhism & Shintoism,
with some roots in Chinese Philosophy

- o DESTROY BOX, no Victorian box-type rooms, – FLOW between rooms, and inside/outside
- o Walls become screens, BANDS of WINDOWS, FRAME VIEWS – like ENGAWA
- o Use MATERIALS IN NATURAL STATE -- same on exterior and interior

FORM and FUNCTION are one! Harmony, *not one following other, secondarily*

A UNIFIED WHOLE - inside and out - ORCHESTRATE SUN

BRING NATURE OUT OF MATERIALS, but Innovate (Textile Blocks, Modular "Ken" Design, etc.)

STRUCTURAL ART like in Nature (e.g., the veins in Leaves) - Interior space made exterior as architecture

SOFT WARM OPTIMISTIC COLOR TONES of earth, and autumn leaves

ASSIMILATE FIXTURES into structure, BUILT-IN FURNITURE many plants & planters

ARCHITECTURE = MUSIC



© JT Wunderlich PhD

Arts & Crafts, Italy, JAPAN



MUSICIAN
Preacher
FATHER



ARCHITECT
MENTOR
Louis Sullivan



NOTE: COMPRESSION & RELEASE is not Organic Design, but commonly used by FLW to cramp/hide entries so as to magnify destination Architecture

Recall: up to Age 78 (1945)



Musician Father
Teacher Mother



and her influential Rural Wisconsin Unitarian family



Wife Catherine & 6 children



His mistress murdered, and Taliesin burned to the ground in 1914



Marries Olga in 1928

A&E Professor Allan Conover



Architect Joseph Silsbee



Architect Louis Sullivan



- Industrial Revolution after his birth in 1867 (*immediately after U.S. Civil War*)
- Rebuilding Chicago after 1871 fire
- Lived in Italy (1909,10)
- WW1(1914-1918) U.S. allied with Japan and Italy (*and Russia and China*) against Germany
- Lived in Japan (3 years from 1917 to 1922)
- Lived in California (1923-)
- 1928 Marries Olga, his soulmate for remainder of his life (30 more years)
- The Great Depression (1929-1939)
- WWII (1939-45) U.S. allied with Russia; against Germany, Japan, and Italy
- US vs USSR (Democracy/Capitalism vs Communism), 1945 until his death in 1959



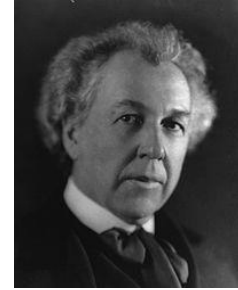
Recall: up to Age 78 (1945)

[Life of Olgivanna Lloyd Wright Reviewed, 2017]

RECOVERS IN 1920'S FROM **TRAUMA OF MISTRESS'S MURDER**;
MARRIES **OLGA** IN 1928



OLGIVANNA
WRIGHT



FRANK LLOYD
WRIGHT

- Born in Montenegro
- Military General mother, Supreme Court Justice father
- **She read everything for father when he went blind**
- Elementary school in Russia
- Married Russian Architect at age 20
- Followed mystic/philosopher Georgi Gurdjieff in Russia
- **At Institute for the Harmonious Development of Man in 1922 France, to develop “complete person”— MIND, HEART, and BODY**
 - curriculum holistic and strict, with dance, exercise, personal hardship, physical labor, and psychological discipline
 - emerged as a **DANCER, MUSICIAN, EDUCATOR, and PHILOSOPHER**
- **Convinces FLW to create Taliesin Fellowship (school) to make money during Great Depression**
- **She will go on to run most Taliesin operations for remainder of his life (30 years!), plus another 27 years ! 57 YEARS total**



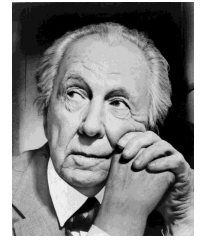
AGE 79-91 (1946-1958)

– HE DIES IN 1959 BEFORE HIS 92ND BIRTHDAY

The Fellowship continues,
with six months at Taliesin in Wisconsin,
and six months at Taliesin West in Arizona



83 YEARS OLD (1950)



FRANK LLOYD WRIGHT



First Christian Church, Phoenix AZ 1950 Design (built in 1973)





First Christian Church, Phoenix AZ 1950 Design (built in 1973)

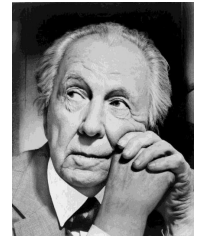
JJ and JT Wunderlich in Arizona 2020



First Christian Church, Phoenix AZ 1950 Design (built in 1973)



80 YEARS OLD (1951)

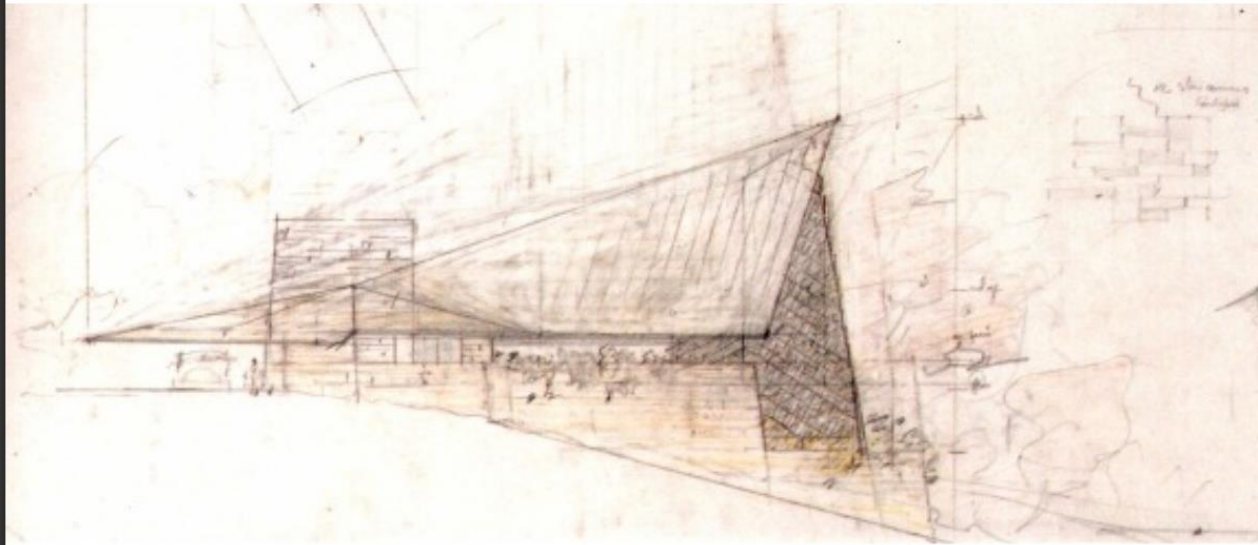


FRANK LLOYD WRIGHT

SHAPE - TRIANGLE



Frank Lloyd Wright
1867-1958



SKETCH of Unitarian Meeting House, Madison WI, 1947 Frank Lloyd Wright

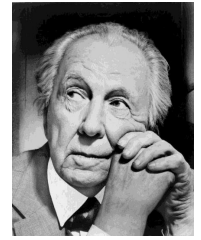
<https://www.wrightontheweb.net/his-works/17-buildings/unitarian/unchdraw/>

From Wunderlich
Lecture on “**Form**”
in course on
Architecture Theory

Unitarian Meeting House, WI



80 YEARS OLD (1951)



FRANK LLOYD WRIGHT

SHAPE - TRIANGLE

"Symbolizes hands folded praying"



Frank Lloyd Wright
1867-1958

© FrankLloydWrightSites.com

Unitarian Meeting House, Madison Wisconsin, 1947 Frank Lloyd Wright

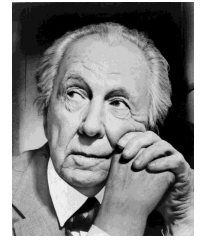
<https://franklloydwrightsites.com/wisconsin/madison/unitarian/unitarian.htm>

Unitarian Meeting House, WI

From Wunderlich
Lecture on "Form"
in course on
Architecture Theory



80 YEARS OLD (1951)



FRANK LLOYD WRIGHT

SHAPE - TRIANGLE

"Symbolizes hands folded praying"



Unitarian Meeting House, Madison Wisconsin, 1947 Frank Lloyd Wright

<https://fusmadison.org/welcome/meeting-house/>



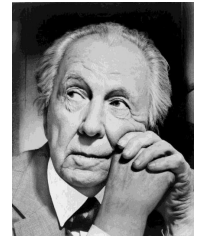
Frank Lloyd Wright
1867-1958

From Wunderlich
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Architecture Theory

Unitarian Meeting House, WI



80 YEARS OLD (1951)



FRANK LLOYD WRIGHT

SHAPE - TRIANGLE



Frank Lloyd Wright
1867-1958

“Symbolizes hands folded praying”



Unitarian Meeting House, Madison Wisconsin, 1947 Frank Lloyd Wright

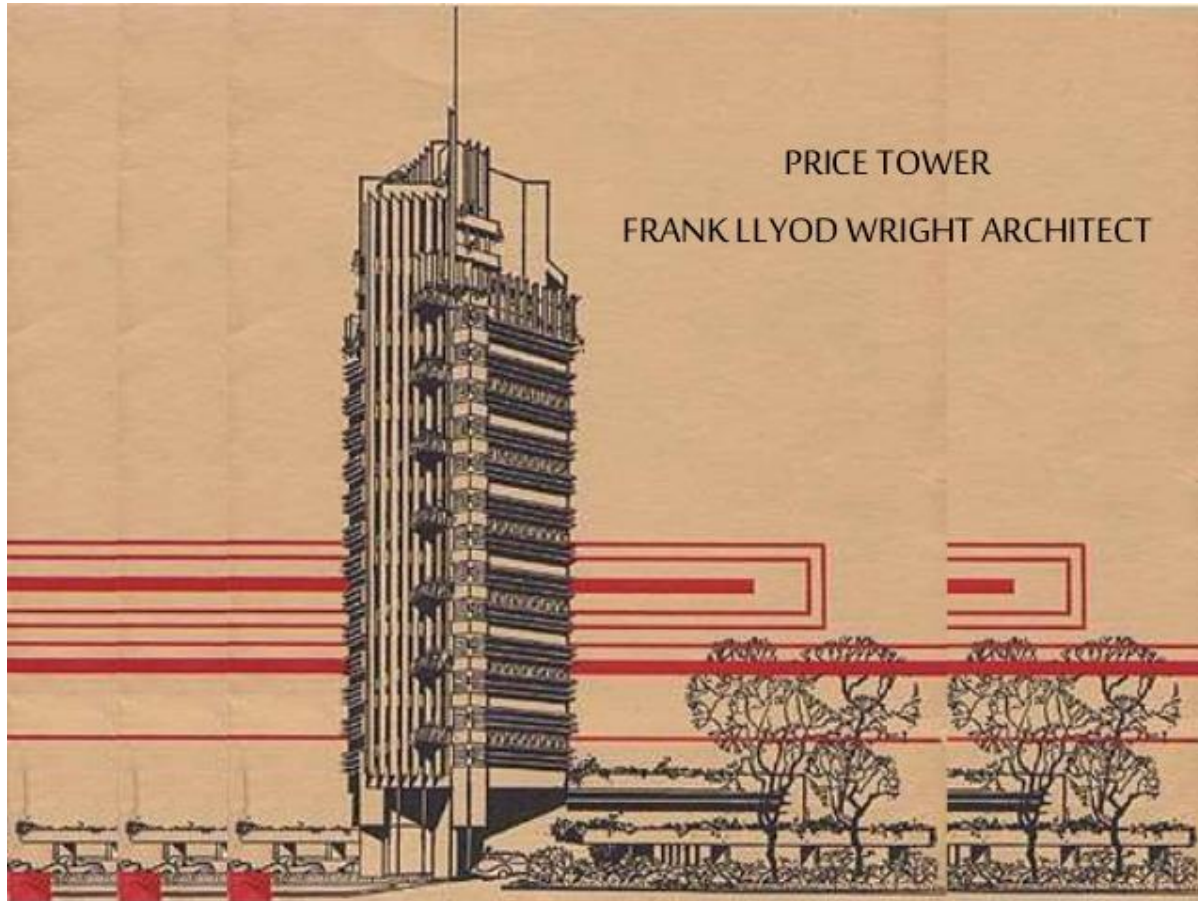
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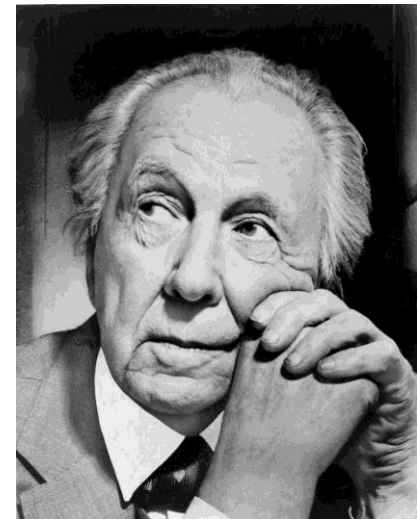
Unitarian Meeting House, WI



85 YEARS OLD (1952)



Price Tower in Oklahoma



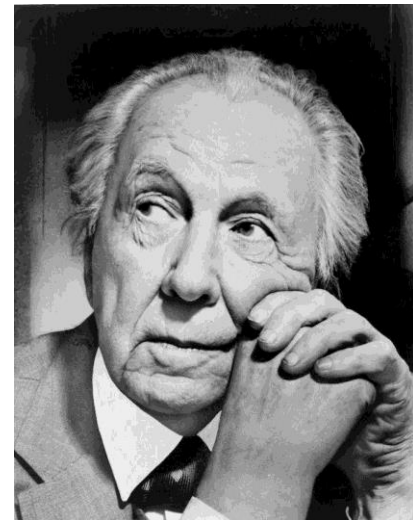
FRANK LLOYD WRIGHT



85 YEARS OLD (1952)



Anderson Court Shops in Los Angeles



FRANK LLOYD WRIGHT

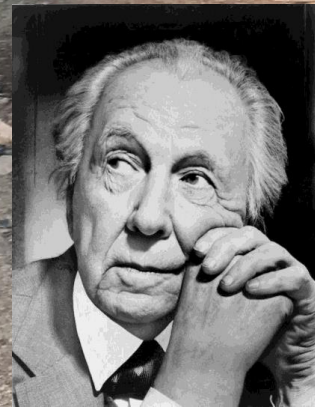


85 YEARS OLD (1952)

JJ and JT
Wunderlich in
Arizona 2020



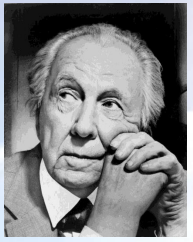
David Wright
House
(FLW's son)
Phoenix AZ



FRANK LLOYD WRIGHT



87 YEARS OLD (1954)



FRANK LLOYD WRIGHT



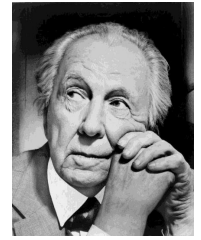
JJ and JT Wunderlich in Arizona 2020

Harold Price House, Phoenix AZ





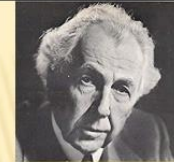
87 YEARS OLD (1954)



FRANK LLOYD WRIGHT

SHAPE - TRIANGLE

“Beth Shalom Synagogue in Philadelphia, 1954: A hexagon that tends towards an equilateral Triangle” [3]



Frank Lloyd Wright
1867-1958

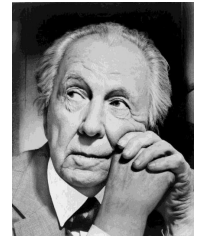


Beth Shalom Synagogue in Philadelphia, PA

From Wunderlich
Lecture on “Form”
in course on
Architecture Theory



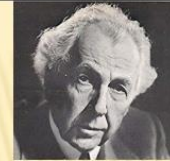
87 YEARS OLD (1954)



FRANK LLOYD WRIGHT

SHAPE - TRIANGLE

“Beth Shalom Synagogue ...a double layer of translucent panels... transmits soft light...” [3]



Frank Lloyd Wright
1867-1958

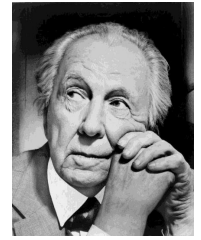


Beth Shalom Synagogue in Philadelphia, PA

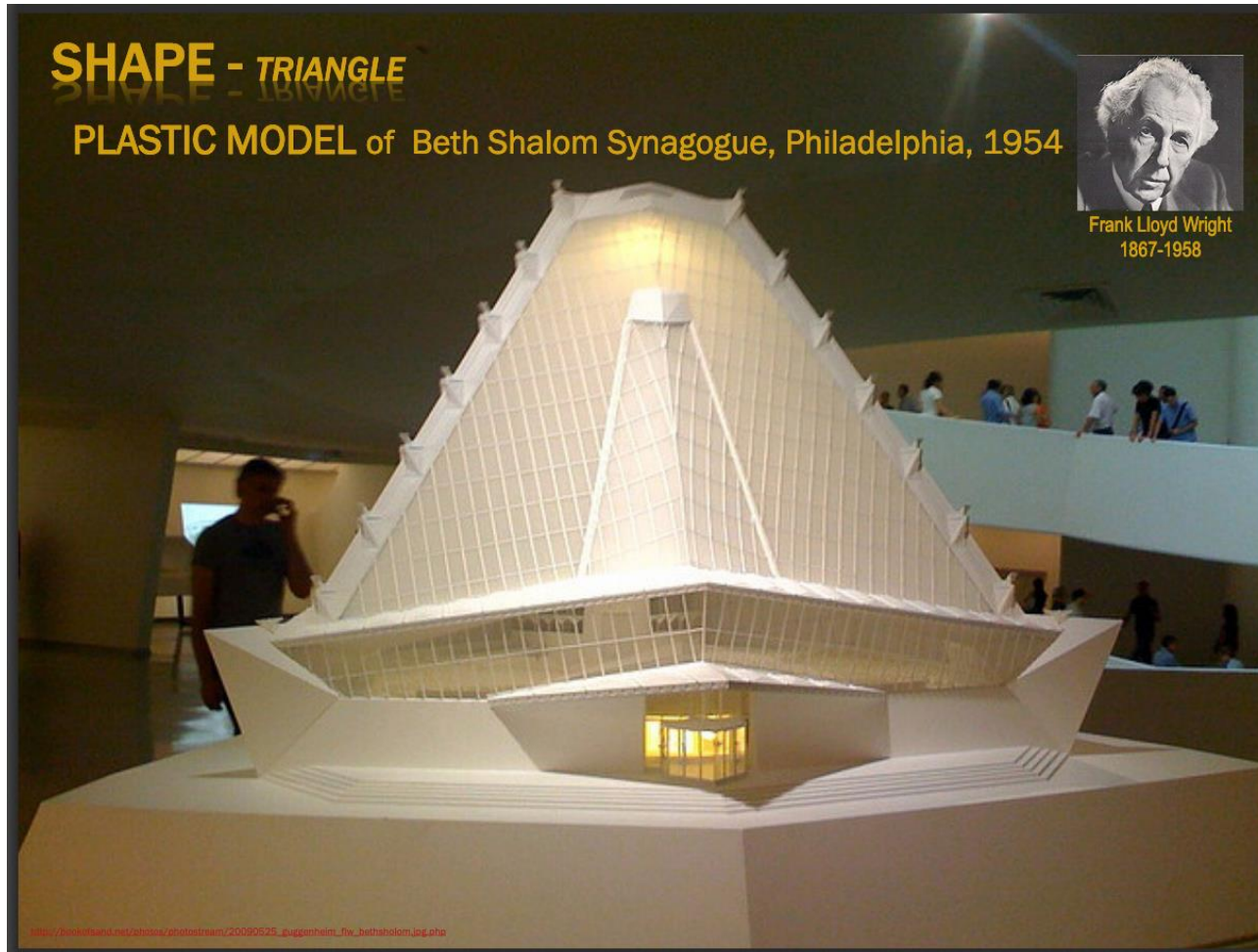
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87 YEARS OLD (1954)



FRANK LLOYD WRIGHT

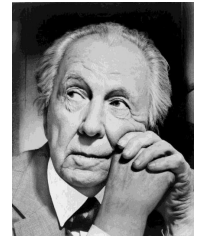


Beth Shalom Synagogue in Philadelphia, PA

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Architecture Theory



87 YEARS OLD (1954)



FRANK LLOYD WRIGHT

SHAPE - TRIANGLE

“Beth Shalom Synagogue ... a 160-ton steel tripod frame allows 1,023 seats” [3]



Frank Lloyd Wright
1867-1958

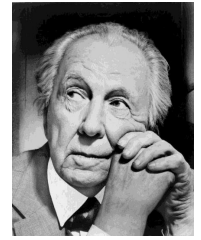


Beth Shalom Synagogue in Philadelphia, PA

From Wunderlich
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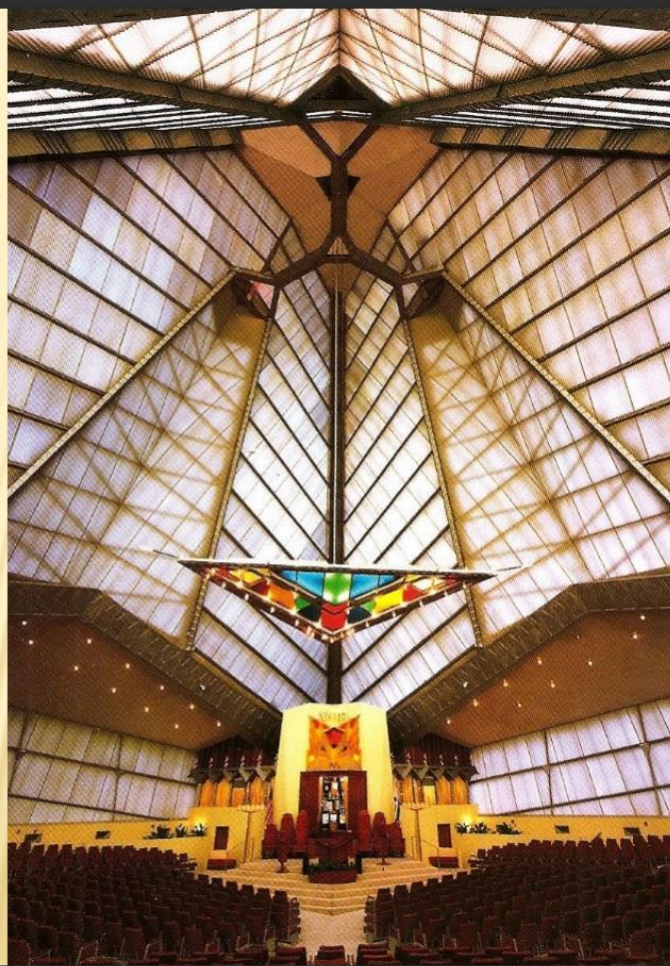
87 YEARS OLD (1954)



FRANK LLOYD WRIGHT

SHAPE - TRIANGLE

*“Beth Shalom
Synagogue....complete
freedom from internal
supports” [3]*



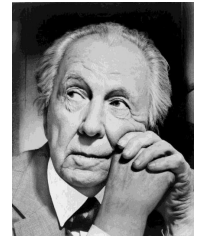
Frank Lloyd Wright
1867-1958

From Wunderlich
Lecture on “Form”
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Architecture Theory

Beth Shalom Synagogue in Philadelphia, PA



89 YEARS OLD (1956)



FRANK LLOYD WRIGHT

SHAPE - CIRCLE



Frank Lloyd Wright
1867-1958



CHURCH FOR THE MILWAUKEE HELLENIC COMMUNITY
MILWAUKEE, WISCONSIN
FRANK LLOYD WRIGHT, ARCHITECT



PAINTING of Annunciation Greek Orthodox Church, Wauwatosa WI.
1956 Frank Lloyd Wright

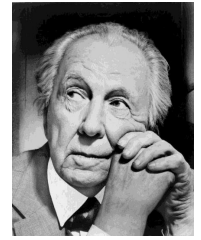
http://paintingandframe.com/prints/frank_loyd_wright_annunciation_greek_orthodox_church_wauwatosa_wi-67098.html

From Wunderlich
Lecture on “Form”
in course on
Architecture Theory

Annunciation Greek Orthodox Church, WI

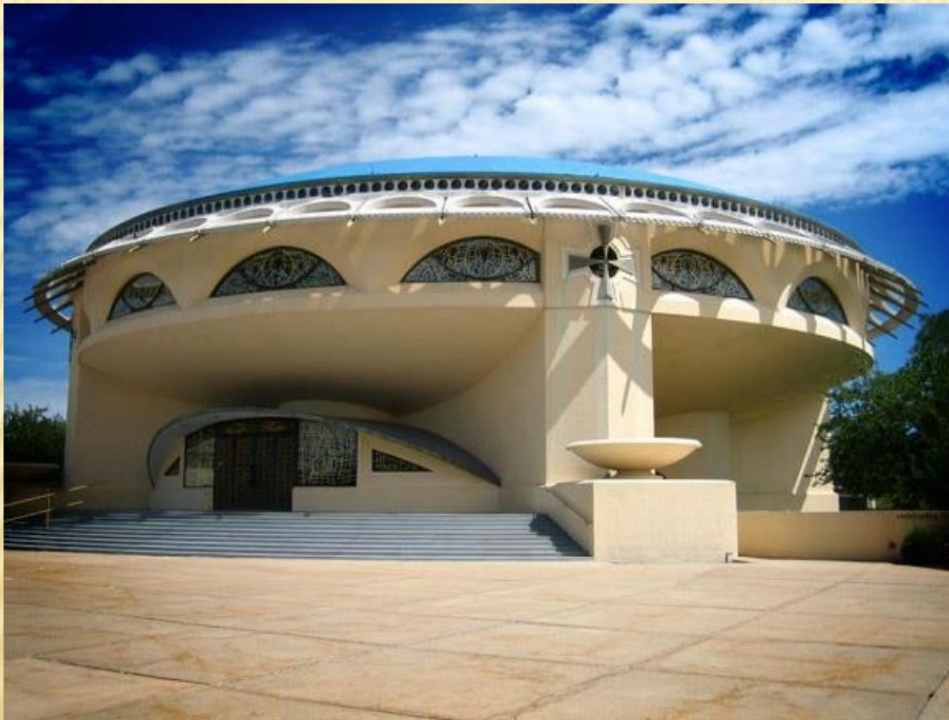


89 YEARS OLD (1956)



FRANK LLOYD WRIGHT

SHAPE - CIRCLE



Frank Lloyd Wright
1867-1958

Annunciation Greek Orthodox Church, Wauwatosa WI.
1956 Frank Lloyd Wright

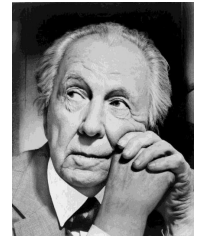
https://www.researchgate.net/figure/Annunciation-Greek-Orthodox-Church-in-Milwaukee-F-L-Wright-Source_fig17_294874582

From Wunderlich
Lecture on “Form”
in course on
Architecture Theory

Annunciation Greek Orthodox Church, WI



89 YEARS OLD (1956)

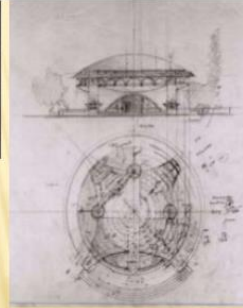


FRANK LLOYD WRIGHT

SHAPE - CIRCLE



Frank Lloyd Wright
1867-1958



Annunciation Greek Orthodox Church, Wauwatosa WI.

1956 Frank Lloyd Wright

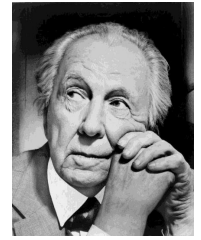
<https://www.wisconsinhistory.org/Records/Property/HI8918>

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Annunciation Greek Orthodox Church, WI

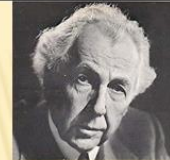


89 YEARS OLD (1956)



FRANK LLOYD WRIGHT

SHAPE - *CIRCLE*



Frank Lloyd Wright
1867-1958



Annunciation Greek Orthodox Church, Wauwatosa WI.
1956 Frank Lloyd Wright

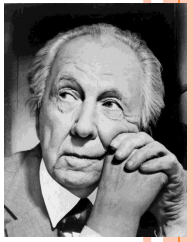
<https://wrightinracine.wordpress.com/tag/church/>

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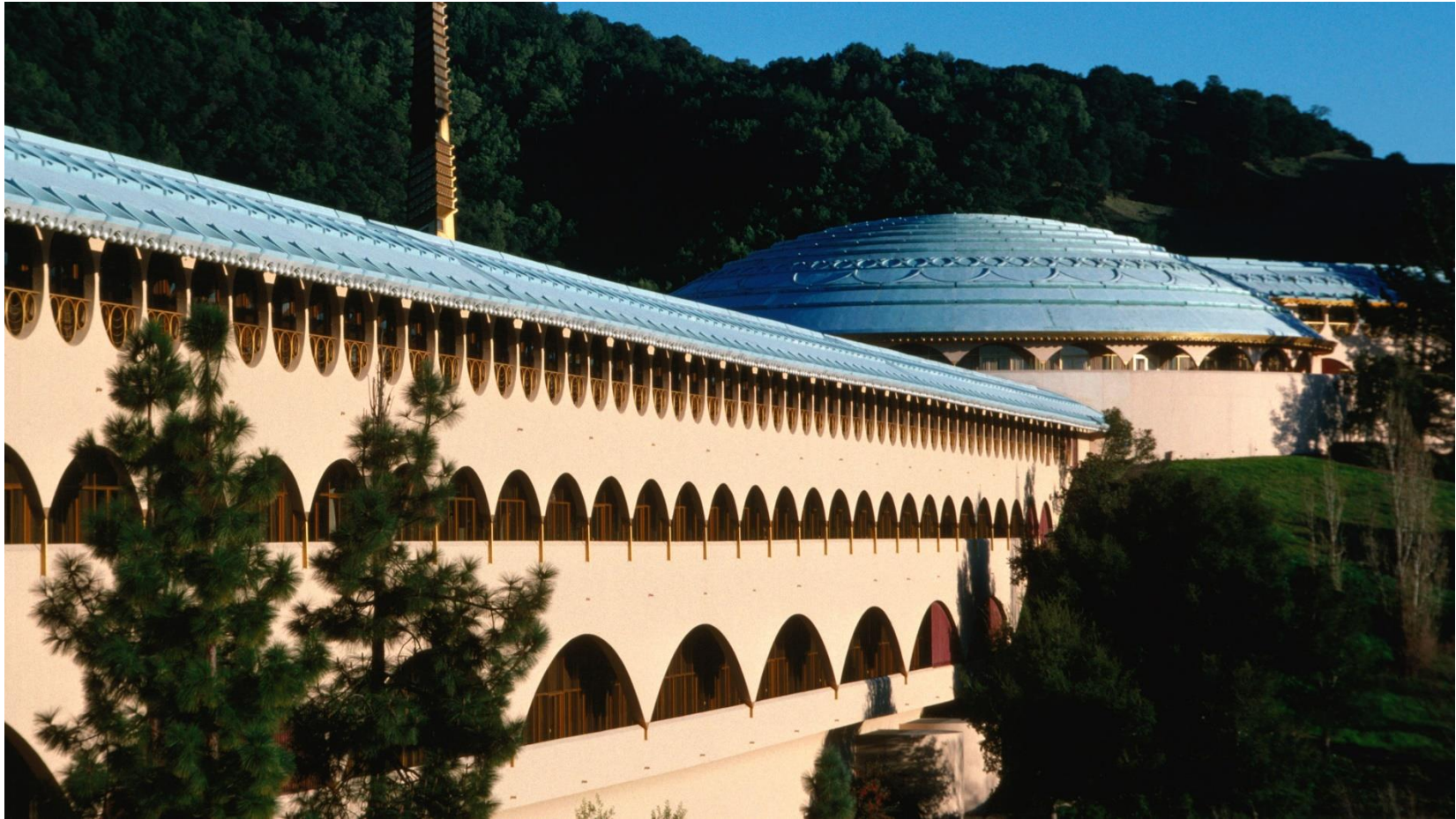
Annunciation Greek Orthodox Church, WI



90 YEARS OLD (1957)



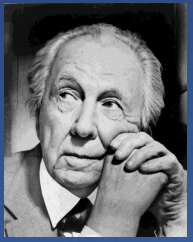
FRANK LLOYD WRIGHT



Marin County Civic Auditorium, CA (1957 Design, completed in 1976)



91 YEARS OLD (1958)



FRANK LLOYD WRIGHT



Gammage Auditorium, Phoenix AZ, 1958 Frank Lloyd Wright

JJ and JT Wunderlich in Arizona 2020





**Gammage Auditorium,
Phoenix AZ, 1958**

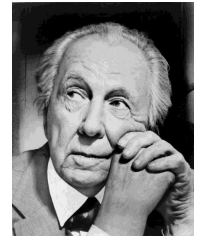


87 YEARS OLD (1954)



91 YEARS OLD (1959)

– HE DIED JUST BEFORE IT WAS FISHED



FRANK LLOYD WRIGHT

PLASTIC MODEL of Guggenheim Museum, New York, 1959 Frank Lloyd Wright

<https://www.guggenheim.org/blogs/checklist/illuminating-details-from-frank-lloyd-wrights-guggenheim-blueprints>



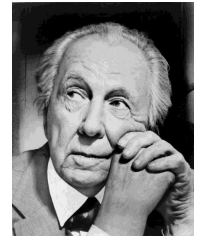
Guggenheim Museum, New York City

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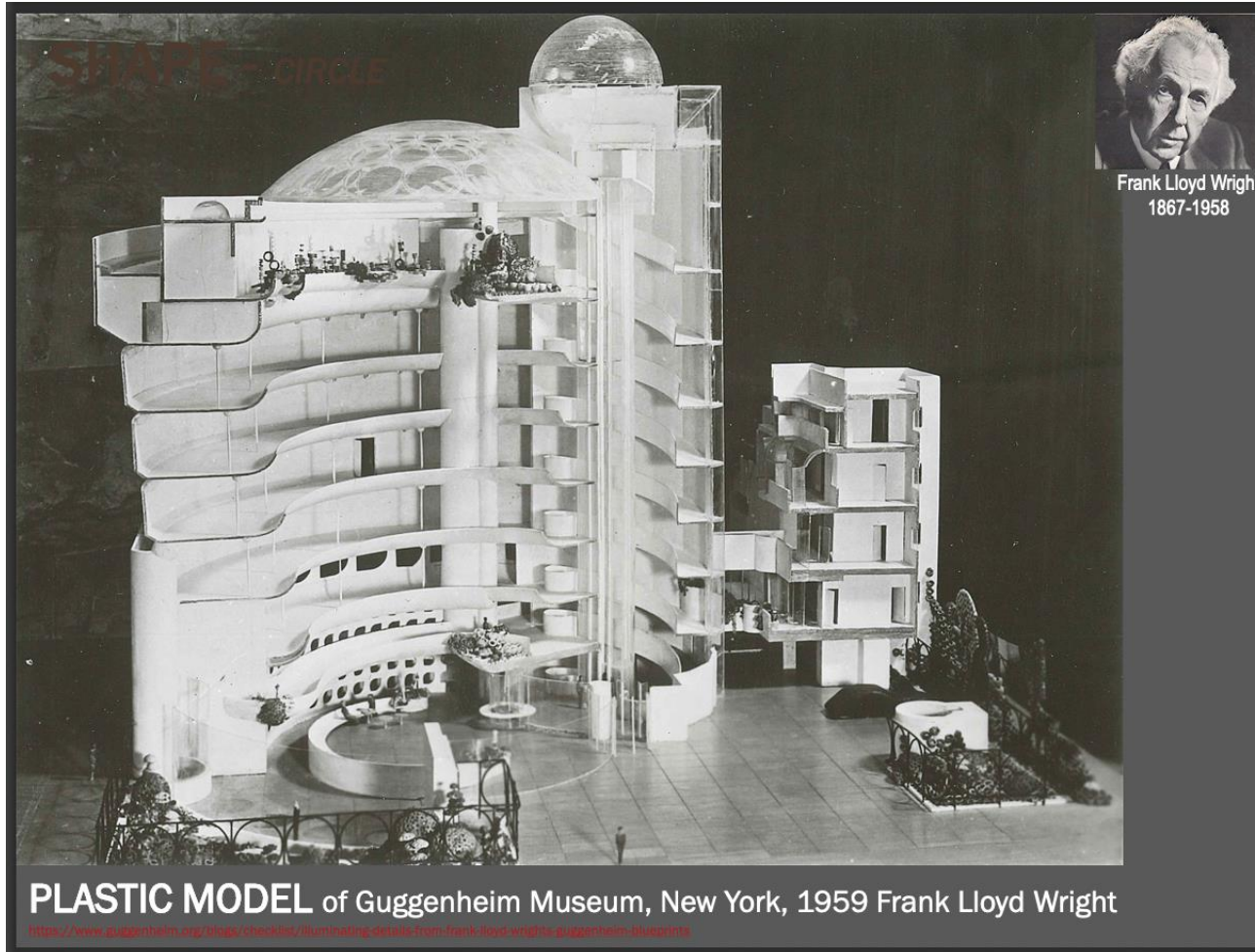


91 YEARS OLD (1959)

— HE DIED JUST BEFORE IT WAS FISHED



FRANK LLOYD WRIGHT



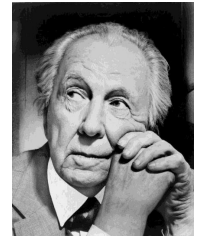
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91 YEARS OLD (1959)

– HE DIED JUST BEFORE IT WAS FISHED



FRANK LLOYD WRIGHT

SHAPE - CIRCLE



Frank Lloyd Wright
1867-1958

Guggenheim Museum, New York City, 1959 opening, by Frank Lloyd Wright

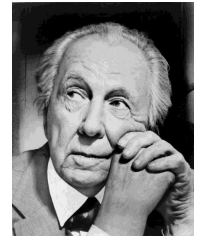
<https://twitter.com/guggenheim>

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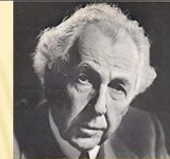
91 YEARS OLD (1959)

– HE DIED JUST BEFORE IT WAS FISHED



FRANK LLOYD WRIGHT

SHAPE - *CIRCLE*



Frank Lloyd Wright
1867-1958

Guggenheim Museum, New York City, 1959 opening, Frank Lloyd Wright

<http://www.stua.com/design/guggenheim-museum-new-york/>

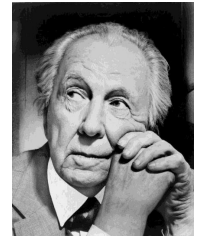
Guggenheim Museum, New York City

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91 YEARS OLD (1959)

– HE DIED JUST BEFORE IT WAS FISHED



FRANK LLOYD WRIGHT

SHAPE - *CIRCLE*



Frank Lloyd Wright
1867-1958



Guggenheim Museum, New York City, 1959 Frank Lloyd Wright

VIDEO: <https://www.youtube.com/watch?v=s2f4SRVp1pk&list=PLQ8x1YyBhZPh702IL3Bi750aQ3SjyK-7P&index=4&t=0s>

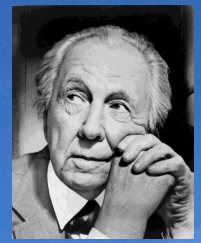
Guggenheim Museum, New York City

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91 YEARS OLD (1959)

— HE DIED BEFORE IT WAS BUILT IN 1968

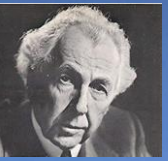


FRANK LLOYD WRIGHT



Norman Lykes House, Phoenix AZ, 1959 Frank Lloyd Wright





Frank Lloyd Wright
1867-1959



Norman Lykes House, Phoenix AZ, 1959 Frank Lloyd Wright

JJ and JT Wunderlich in Arizona 2020

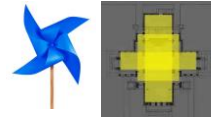


ORGANIC ARCHITECTURE DESIGN PRINCIPLES

Frank
Lloyd
Wright

CONFORM TO SITE, sun, topography, environment

PINWHEELED PLANES -- CRUCIFORM



- PRAIRIE-SCHOOL, BROAD CENTRAL CHIMNEY, LONG CANTILEVERS (overhangs & balconies)

FOLDED PLANE like origami ...continuity...walls, ceilings, and floors become one

SIMPLE GEOMETRIES

HUMAN SCALE

OPEN FLOOR PLAN

- o DESTROY BOX, no Victorian box-type rooms, - FLOW between rooms, and inside/outside
- o Walls become screens, BANDS of WINDOWS, FRAME VIEWS - like ENGAWA
- o Use MATERIALS IN NATURAL STATE -- same on exterior and interior

FROEBEL
BLOCKS



UNITARIAN
MOTHER
Teacher



Japanese Buddhism & Shintoism,
with some roots in Chinese Philosophy

FORM and FUNCTION are one! Harmony, *not one following other, secondarily*

A UNIFIED WHOLE - inside and out - ORCHESTRATE SUN

BRING NATURE OUT OF MATERIALS, but Innovate (Textile Blocks, Modular "Ken" Design, etc.)

STRUCTURAL ART like in Nature (e.g., the veins in Leaves) - Interior space made exterior as architecture

SOFT WARM OPTIMISTIC COLOR TONES of earth, and autumn leaves

ASSIMILATE FIXTURES into structure, BUILT-IN FURNITURE many plants & planters

ARCHITECTURE = MUSIC



© JT Wunderlich PhD

Arts & Crafts, Italy, JAPAN



MUSICIAN
Preacher
FATHER



ARCHITECT
MENTOR
Louis Sullivan



"Key" Japanese words
by Mahua Bhattacharya,
Professor of Japanese,
for J Wunderlich's students

OMOIYARI - Considerate
ON - Duty
AMAE - Empathy
WA - Group Harmony
UCHI - Inner (or insider)
KENSON - Modesty
GIRI - Moral Obligation
SOTO - Outside (or outsider)
GAMAN - Persistence
ENRYO - Restraint
HAJI - Shame



NOTE: COMPRESSION & RELEASE is not Organic Design, but commonly used by FLW to cramp/hide entries so as to magnify destination Architecture

**FROEBEL
BLOCKS**



**UNITARIAN
MOTHER
Teacher**



AGE 79-91 (1946-1958+)

-- *DIED IN 1959 TWO MONTHS BEFORE HIS 92ND BIRTHDAY*

Born: June 8, 1867, Richland Center, WI

Died: April 9, 1959, St. Joseph's Hospital and Medical Center, Phoenix, AZ

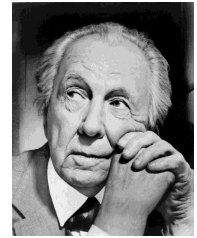
Olga continued the Fellowship for 27 years after he died



FRANK LLOYD WRIGHT WITH HIS WIFE OLGA



LISTEN: <https://www.youtube.com/watch?v=f1WMmMzxHkMn>



FRANK LLOYD WRIGHT

FORM



Frank Lloyd Wright against modern cities

LISTEN to Frank Lloyd Wright: <https://www.youtube.com/watch?v=f1WMmMzxHkM>

“Science will eventually join with Art and Religion, and when they are one, then we will begin to have the right kind of education, we will have the right kind of buildings, we will have a greatly improved method of Life”

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