

# Alice Fletcher

Date of Birth: March 15, 1838

Ethnicity: American

Field: Surveyor

Facts:

- First Women Surveyor
- President of Anthropological Society of Washington
- Referred to as the "Measuring Woman"



# Ruth L. Trujillo

Date of Birth:

Ethnicity: Puerto Rican

Field: Surveyor

Facts:

- President and CEO of her own company.
- The only Hispanic Woman-Owned Land Surveying and Mapping firm established in Puerto Rico.
- One in seven women to be licensed for surveying in Puerto Rico.



# Linda L. Velez Rodriguez

Date of Birth:

Ethnicity: Puerto Rican

Field: Surveyor

Facts:

- Professor at the University of Puerto Rico at Mayaguez since 2001.
- Got her masters in Geodetic Science at Ohio State University.



# Marie Tharp

Date of Birth: July 30, 1920

Ethnicity: American

Field: Geologist

## Facts:

- Due to World War 2, Tharp got the opportunity to study geology.
- In collaboration with Bruce Heezen, Tharp published the first map of the Atlantic in 1957.



# Tanya Atwater

Date of Birth: February 3, 1942

Ethnicity: American

Field: Marine Geologist

## Facts:

- She founded the Center for Educational Multimedia Visualizations at UC Santa Barbara.
- Atwater is known for developing the theory of transform faults.



# Neri Oxman

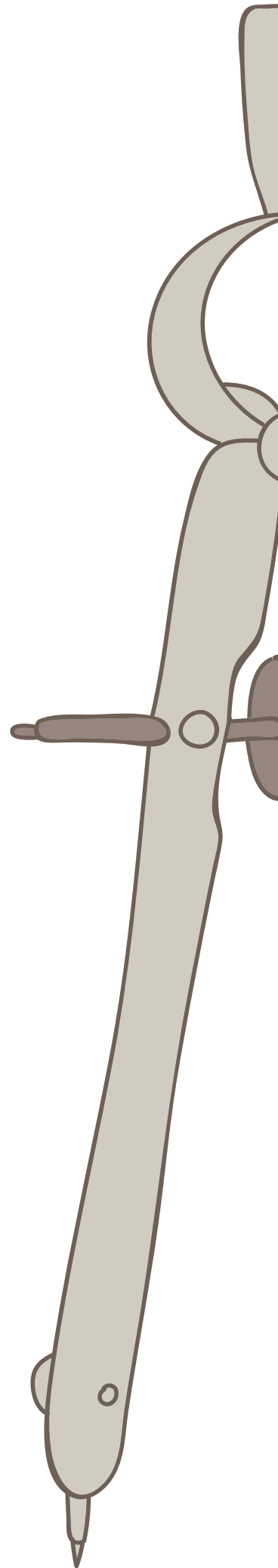
Date of Birth: February 6, 1976

Ethnicity: Israeli

Field: Architect/Designer

## Facts:

- Invented the term Material Ecology
- Has won 43 awards in total for her works.
- Her work often draws inspiration from nature, employing biological principles and organic forms in her designs.



# Zaha Hadid

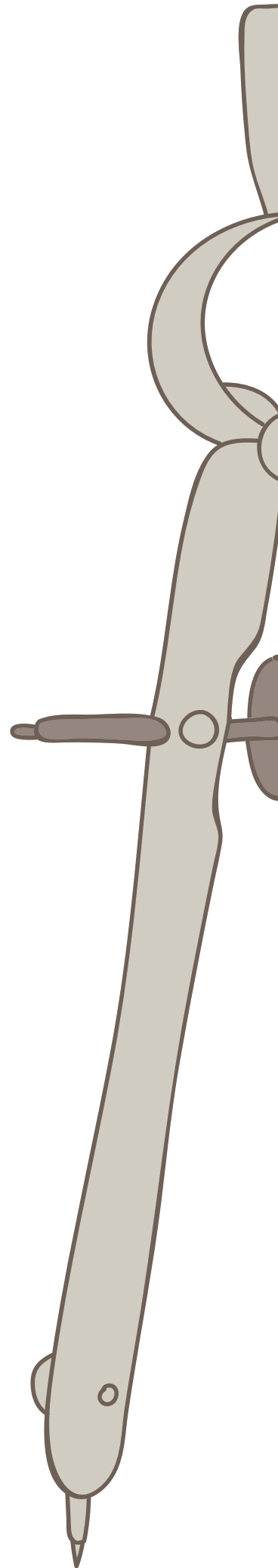
Date of Birth: October 31, 1950

Ethnicity: Iraqi-British

Field: Architect

## Facts:

- She designed almost 100 projects.
- She was ranked among the top 100 powerful women.
- First female Arab architect to win the Pritzker prize.



# Norma Merrick Sklarek

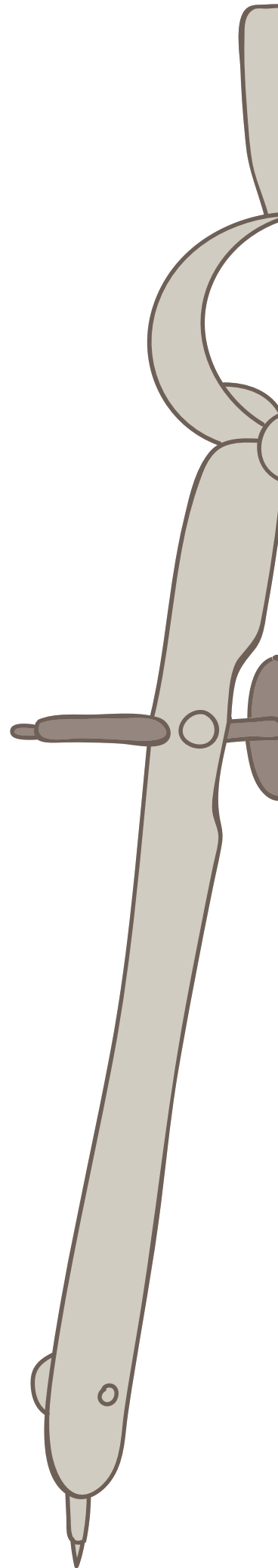
Date of Birth: April 15, 1926

Ethnicity: American

Field: Architect

## Facts:

- First black female licensed architect in California.
- First registered black female architect in New York.
- First female African American member of the American Institute of Architects.





# Louise Blanchard Bethune

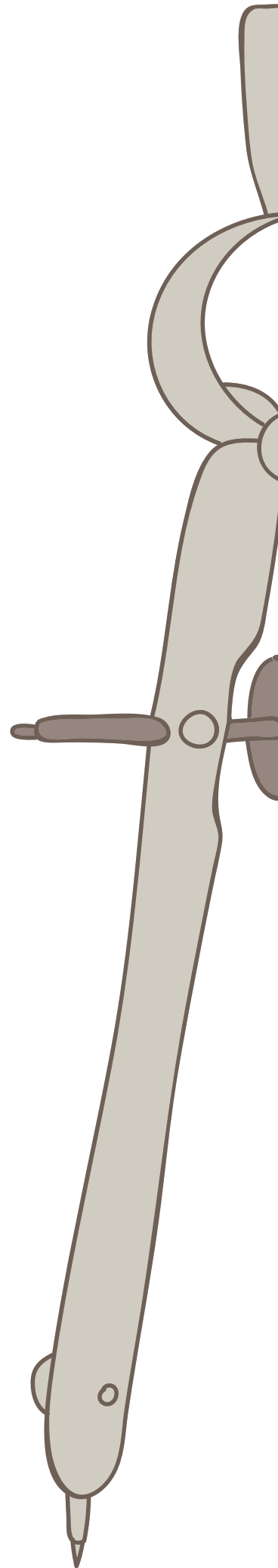
Date of Birth: June 21, 1856

Ethnicity: American

Field: Architect

## Facts:

- First american woman known to have worked as a professional architect.
- First woman admitted to the AIA (American Institute of Architects).
- Her biggest project was the Hotel Lafayette, located at Buffalo in New York.



# Susana Torre

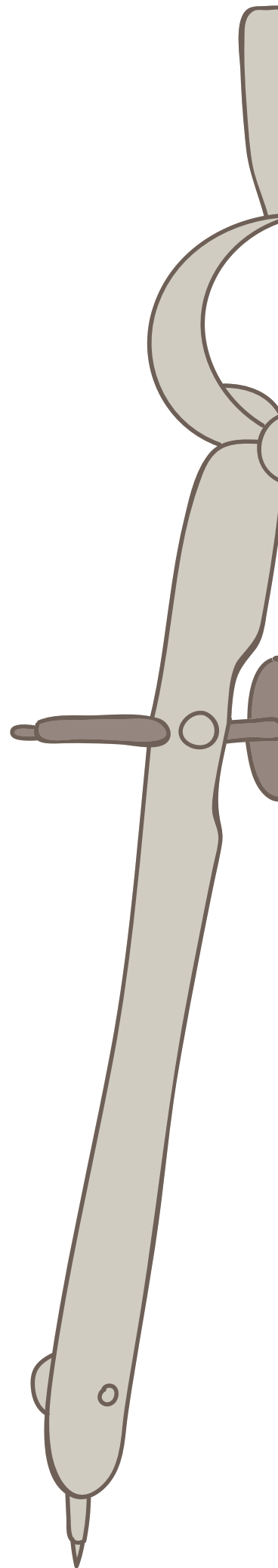
Date of Birth: 1944

Ethnicity: Argentinian-American

Field: Architect

## Facts:

- In 1977, she co-founded the feminist architecture collective "Women in Architecture" (WIA).
- Won the Award for Outstanding Contribution to Architecture Education.



# Shellar M. Garcia

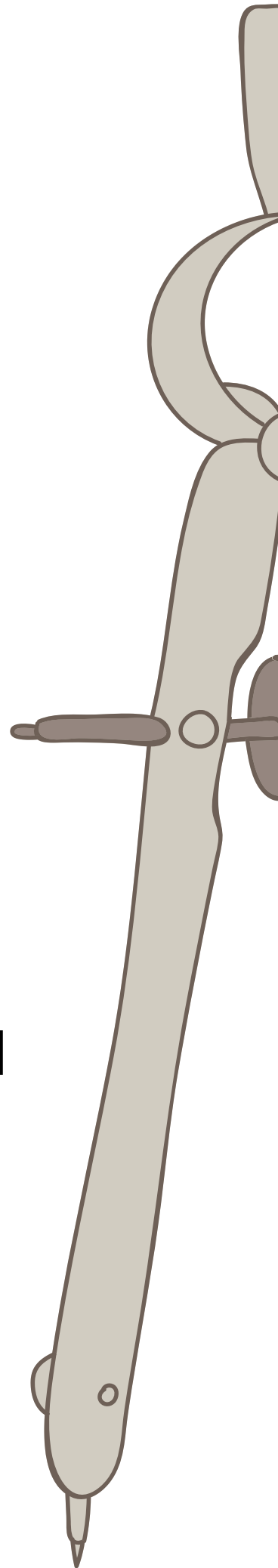
Date of Birth: 1987

Ethnicity: Puerto Rican

Field: Architect

## Facts:

- Has been a professor at the School of Architecture of Puerto Rico since 2019.
- A member of the College of Architects and Landscape Architects of Puerto Rico (CAAPPR).



# June McCarroll

Date of Birth: June 30, 1867

Ethnicity: American

Field: Nurse and Physician

## Facts:

- Credited by the California Department of Transportation with the idea of delineating highways.
- She was a nurse with the Southern Pacific Railroad.



# Astrid Linder

Date of Birth: 1959

Ethnicity: Swedish

Field: Engineer and Researcher

## Facts:

- Awarded EU Champions of Transportation Research Competition.
- Awarded U.S. Government Award for Safety Engineering Excellence.
- Her work focuses on addressing the safety of women in road accidents.



# Lois Cooper

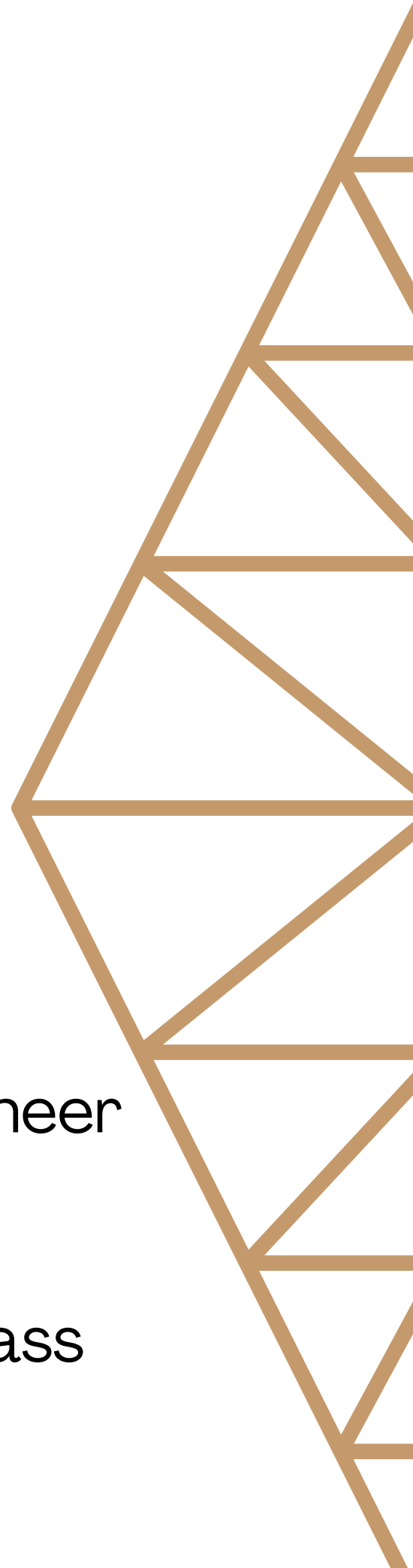
Date of Birth: 1963

Ethnicity: American

Field: Structural Engineer

## Facts:

- Lois joined the LA Council of Black Professional Engineers as the only woman.
- Became the first black woman engineer at Caltrans.
- First black women in California to pass the PE License exam.



# Eileen Velez Vega

Date of Birth: 1980

Ethnicity: Puerto Rican

Field: Civil Engineer

## Facts:

- She was selected as an Airport Business Magazine Top 40 Under 40 award recipient for 2015.
- Appointed as Secretary of Transportation and Public Works for the Commonwealth of Puerto Rico.

# Hattie T. Scott

Date of Birth: October 11, 1913

Ethnicity: American

Field: Civil Engineer

## Facts:

- First African-American woman to gain a bachelor's degree in civil engineering.
- In 1954, she joined the local U.S. Army Corps of Engineers, where she was the first woman engineer.





# Nora Stanton

**Date of Birth:** September 30, 1883

**Ethnicity:** English–American

**Field:** Civil Engineer Suffragist

## Facts:

- She was Cornell University's first female engineering graduate.
- She was involved in the founding of the Women's Engineering Society in the United Kingdom in 1919.



# Nora H. Murillo

**Date of Birth:** January 22, 1933

**Ethnicity:** Puerto Rican

**Field:** Civil Engineer

## Facts:

- First women to study civil engineering at the University of Puerto Rico at Mayaguez.
- In 1957, she worked as a cartographer for the Federal Civil Defense of Puerto Rico in Rio Piedras.





# Elsie Eaves

Date of Birth: May 5, 1898

Ethnicity: American

Field: Civil Engineer

## Facts:

- Became the first woman to be a full member of the American Society of Civil Engineers (ASCE).
- Became the first woman to receive the Outstanding Achievement Award from the American Association of Engineering Societies.

# Mary Walton

Date of Birth: 1827

Ethnicity: American

Field: Inventor

## Facts:

- She invented the Noise Reducing Device to reduce noise pollution caused by elevated trains near residences.
- Mary Walton was also an environmentalist who advocated for cleaner and healthier urban environments.



# Ruth Gordon Schnapp

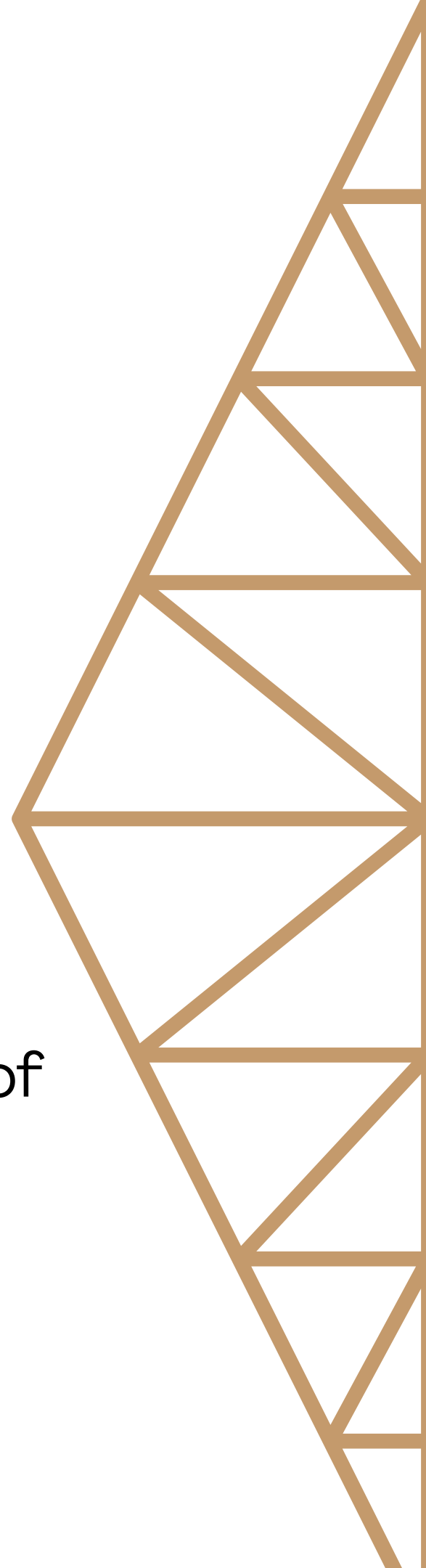
**Date of Birth:** September 19, 1926

**Ethnicity:** American

**Field:** Structural Engineer

## **Facts:**

- California's first female registered structural engineer.
- Ruth was a committed supporter of women's rights.



# Elizabeth Bragg

Date of Birth: April 23, 1858

Ethnicity: American

Field: Civil Engineer

## Facts:

- Was the first woman to earn a civil engineering degree from an American university.
- After graduating, she became a teacher.



# Sarah Guppy

**Date of Birth:** November 5, 1770

**Ethnicity:** English

**Field:** Inventor

## Facts:

- First woman to patent a bridge.
- She contributed to organizations that provided assistance to the poor, advocated for workers' rights, and championed education for women.

