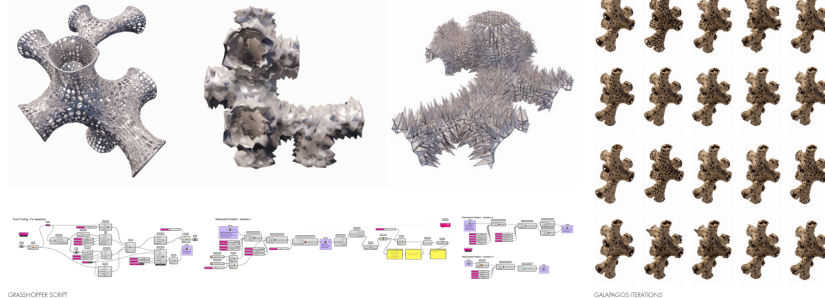


STUDIO GANG - DESIGN INSPIRATION

THE CONNECTOR

We as architects are the directors of how people decide to move through space. Circulation can be mundane and just a tool to get from point A to point B but that journey can be more stimulating and exciting through interesting and organic forms. This form was created with that in mind. It is built as a protective structure that envelops different means of transportation and pedestrian walkways around the city. The structure supports the track and pedestrian walkways as well as provides alternative accessways into the adjacent buildings. The structure has unique openings that allow for better ventilation as well as framed views of downtown Chicago. The openings allow for sunshine to penetrate through and creates a nice environment within the structure. Your walk from the train to work is now protected from the elements and is now a more interesting part of your day.



GRASSHOPPER SCRIPT

GALARGOS ITERATIONS

THE CONNECTOR

SOPHIA KIM - ARCH 436 - ADVANCED MODELING SPRING 2023 - PROFESSOR PELUSO

Project:

Develop a **strong design concept** to create and 3D print an architectural form.
 Use **SubD Modeling** to generate your forms. (Rhino)
 Add **Patterns** to your forms using any tessellation method. (Grasshopper)
 Generate **Effects** by incorporating the concept of multiple values into your design. (Grasshopper)
 Produce (3) 3D Prints. Each 3D Print should be approximately 200 mm x 50 mm in any direction.

Deliverables:

- Produce (1) 36 "x 36" sheet with the following drawings
 - (1) Title
 - (1) Project Description
 - (1) Image showing the 'pure' form before pattern and effect
 - (1) Aerial Rendering showing the site
 - (2) Eye level Renderings
 - Show (10) different parametric conditions (iterations)
 - Include the Grasshopper definition
 - Add Scale Figures
 - (3) Photos of your 3D Prints. Take the photos of all (3) 3D prints together with a plain white background and good lighting. Include the photos on the 36' x 36" print

Separately, Create (1) 11x17 PDF with the 3D print photos, one photo per page, for online submission only

Schedule:

- February 25th Concept, Initial Diagrams, and Draft of all deliverables due (Start 3D Print)
- March 04th 3D Print Due
- March 11th Midterm Presentation - Upper North Outer Core

Submit:

Bring your 3D Print to the Midterm presentation
 Submit all deliverables to the shared drive
 Please save your files in a folder Firstname_Lastname
 Please save your work as a PDF Firstname_Lastname_Assignment

HOMEWORK ASSIGNMENTS MUST INCLUDE THE FOLLOWING:

- YOUR NAME
- ARCH 436 ADVANCED MODELING
- SEMESTER / YEAR
- MIDTERM ASSIGNMENT