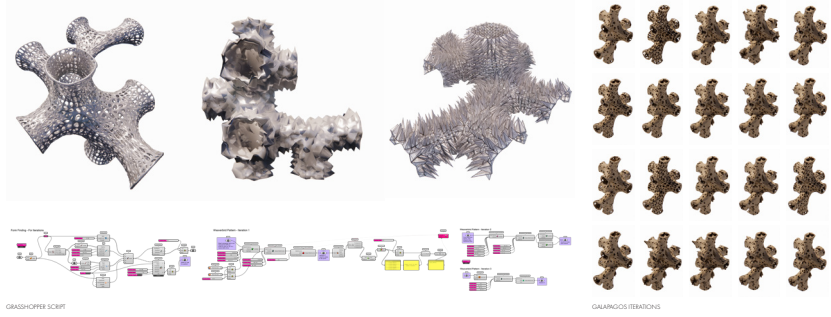


STUDIO GANG - DESIGN INSPIRATION

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.



THE CONNECTOR

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

Project:

Develop a **strong design concept** to create and 3D print an **OPTIMIZED FORM FOUND** architectural building element. Examples of building elements are, but not limited to, Curtain walls, Roof panels, Walls, Conceptual building mass studies, nature structures etc... Use **KANGAROO, GALAPAGOS, and PANELING TOOLS** (or other tessellation method) Produce a minimum of (1) 3D Print. The 3D Print should be 4"max in any direction. **You must integrate the concept of multiple values into your design.**

Deliverables:

Produce (1) 36 "x 36" sheet with the following drawings

- (1) Title
- (1) Project Description
- (1) Aerial Rendering showing the site
- (2) Eye level Renderings
- Show (20) different parametric conditions using Galapagos (iterations)
- Include the Grasshopper definition
- Add Scale Figures

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