ABOUT GEOVERSITY

“Learn and associate with Nature” ...

**Geoversity** is a newly formed alliance of individuals and institutions that share a commitment to “learning from and partnering with nature”. Evolving as an ecosystem blending science, business and the arts, Geoversity has as its mission to model ways whereby human design, enterprise and creative expression can evolve and thrive inspired by nature and in harmony with nature.

In 2017, Geoversity established a temporary internship, work, display and performance complex located on land that the Biomuseo is seeking to sell to finance the original construction of the Museum. That is the Geoversity’s Biocultural Design Center at the Frank Gehry-designed Biomuseo.

Today, several highly accomplished designers and builders are working at the Center in team with interns, students and special guests on the design and prototyping of structures, furniture, and art objects that make intelligent use of natural materials particularly materials such as bamboo that can be sourced in Panama- resulting in design innovation worthy of global emulation.

www.geoversity.org
DESIGN AND INNOVATION PROCESS WITH BAMBOO: STRUCTURAL PROTOTYPES

JOINERY PROTOTYPE
DESIGN AND INNOVATION PROCESS WITH BAMBOO: STRUCTURAL PROTOTYPES

PAVILLION STRUCTURE PROTOTYPE
INNOVATING WITH DIGITAL TECHNOLOGY : PARAMETRIC DESIGN WITH BAMBOO

STRUCTURAL PROTOTYPE: “La Rosa de los Vientos”

PARAMETRIC VARIATIONS

VARIATION 1: PLAN

VARIATION 1: ELEVATION

PARAMETERS MAP

CONCEPTUAL VIEWS OF “La Rosa de los Vientos”
INNOVATING WITH DIGITAL TECHNOLOGY : PARAMETRIC DESIGN WITH BAMBOO

STRUCTURAL PROTOTYPE : “Sombrero de Bruja”

VARIATION 1: PLAN

VARIATION 1: ELEVATION

CONCEPTUAL VIEWS OF “Sombrero de Bruja”
DESIGN AND INNOVATION PROCESS WITH BAMBOO: STRUCTURAL PROTOTYPES

PAVILLION STRUCTURE PROTOTYPE
GEOVERSITY’S GLOBAL IMPACT AND PRESENCE WORLD WIDE

“A center of biocultural interchange, clever inventions and sustainable solutions”
GEOVERSITY’S KEY LOCATION FOR BIOCULTURAL INTERCHANGE
GEOVERSITY’S BIOCULTURAL DESIGN CENTER
“A place for sustainable knowledge and creative inventions”
GEOVERSITY’S BIOCULTURAL DESIGN CENTER “A place for creative explorations”

THE IGUANA PAVILLION / Designed by TAOMA Studio

BAMBOO MOCK-UP MODEL FOR PAVILION CONCEPT / IGUANA PAVILLION

IGUANA PAVILLION PARAMETRIC ELEVATION
WORKSHOP DESIGN EXPLORATION RESULTS:

“CONCEPTUAL PROPOSAL FOR GEOVERSITY’S BIOCULTURAL CENTER OF INTERCHANGE” / Designed by TAOMA Studio
"CONCEPTUAL PROPOSAL FOR GEOVERSITY'S BIOCULTURAL CENTER OF INTERCHANGE" / Designed by TAOMA Studio

A. BIOCULTURAL DESIGN CENTER
B. THE GEO-TREE
C. IGUANA PAVILLION
D. MARLIN PAVILLION
E. VIEWPOINT PLATFORM
CONCEPTUAL PROPOSAL FOR GEOVERSITY’S BIOCULTURAL CENTER OF INTERCHANGE” / Designed by TAOMA Studio

CONCEPTUAL VIEW OF BIOCULTURAL PAVILLION
CONCEPTUAL VIEW OF BIOCULTURAL PAVILLION
WALKWAY AND VIEWPOINT

CONCEPTUAL VIEW OF THE MARLIN PAVILLION
PROPOSAL FOR THE GEO TREE: “A SPACE FOR GATHERING AND RECREATION”
GEO TREE INTERVENTION PROPOSAL WITH STRUCTURAL BAMBOO PROTOTYPES:

HYPERBOLIC BAMBOO STRUCTURES PROPOSED USE:

1. ACCESS POINTS
2. PLAYGROUND
3. RESTING
4. GATHERING
CONCEPTUAL PLANS FOR GEO TREE INTERVENTION PROPOSAL

1. MAIN ACCESS RAMP
2. HIPERBOLIC ACCESS POINTS
3. CANOPY BRIDGE PROJECTION
4. CANOPY VIEWPOINT PROJECTION
5. PINBOO STAGE
6. GATHERING AREA

1. MAIN ACCESS RAMP
2. HIPERBOLIC ACCESS POINTS
3. CANOPY BRIDGE PROJECTION
4. CANOPY VIEWPOINT PROJECTION
5. PINBOO STAGE
6. GATHERING AREA
CONCEPTUAL VIEW OF THE GEO TREE WITH BAMBOO INTERVENTIONS
CONCEPTUAL PLANS FOR GEO TREE INTERVENTION PROPOSAL

1. MAIN ACCESS RAMP
2. HIPERBOLIC ACCESS POINTS
3. CANOPY PLATFORM & BRIDGE
4. CANOPY VIEWPOINT
5. PINBOO STAGE
6. GATHERING AREA

GEOVERSITY BIOCULTURAL DESIGN CENTER

IGUANA PAVILLION

MARLIN PAVILLION
GEO TREE INTERVENTION PROPOSAL WITH STRUCTURAL BAMBOO / THE GEO TREE MAIN ACCESS RAMP BLOB

CONCEPTUAL BLOB ELEVATION

CONCEPTUAL BLOB PLAN

CONCEPTUAL VIEW OF MAIN ACCESS RAMP BLOB