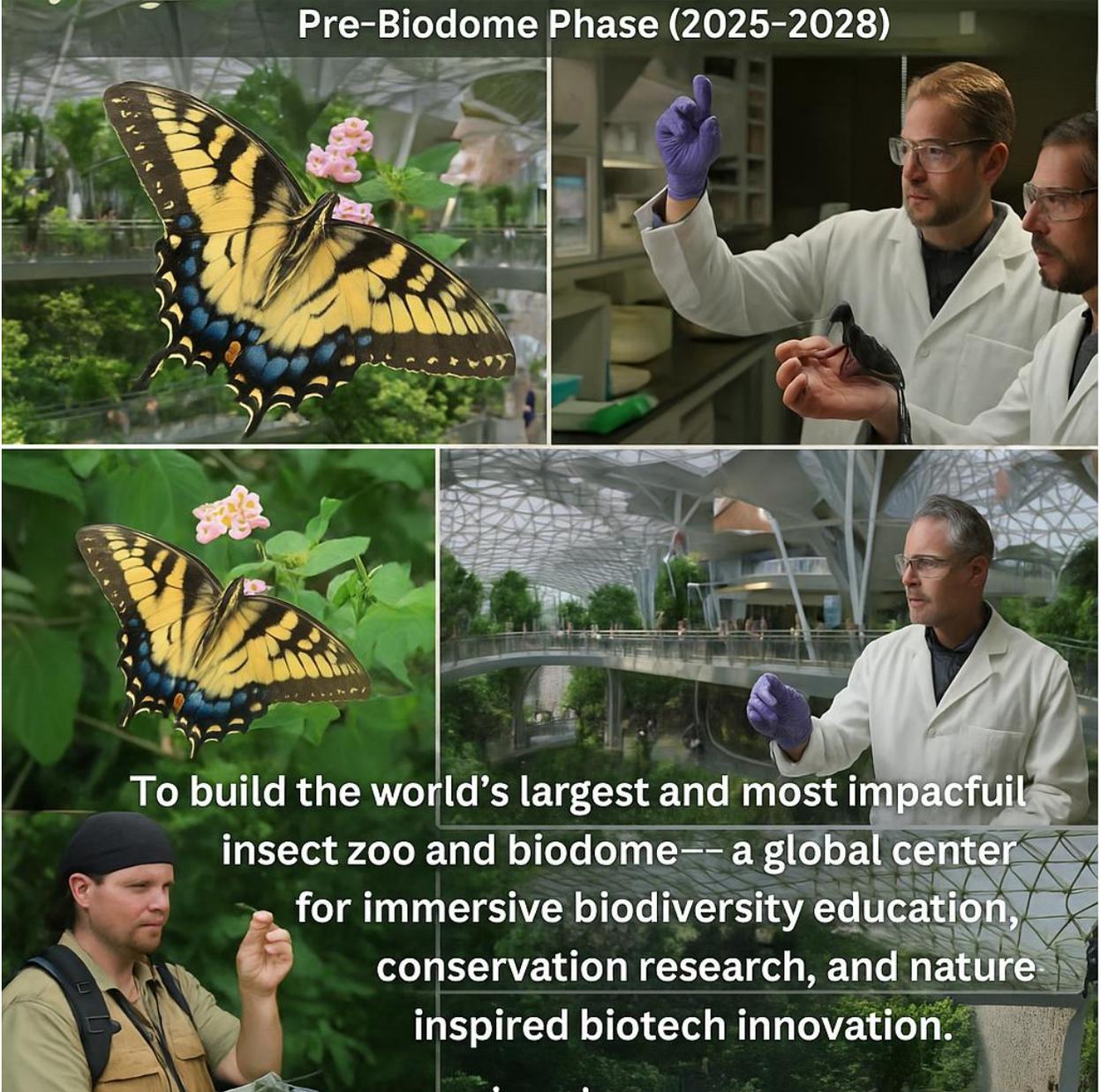


## Invertebrate Studies Institute (ISI)

### Biodome Vision & Strategic Fundraising Plan

#### Pre-Biodome Phase (2025-2028)



## Strategic Pitch: The Invertebrate Studies Institute (ISI)

The Invertebrate Studies Institute (ISI) is a bold nonprofit initiative dedicated to protecting and celebrating the unsung heroes of our planet: invertebrates. From genomics and biotechnology to immersive public education and conservation, ISI is on a mission to transform how the world sees—and saves—insects.

We are now seeking philanthropic and corporate sponsors to bring our visionary BIODOME to life: a world-class insect zoo, conservation hub, and biotech research facility.

### Why This Is Critical

-  Over 75% of flying insects have vanished in just the last 30 years — threatening ecosystems worldwide.
-  Insects pollinate over 75% of the world's flowering plants and 35% of global food crops.
-  Invertebrates are the foundation of terrestrial and freshwater ecosystems — essential for nutrient cycling, soil health, and food chains.
-  Insects are an untapped resource for breakthrough discoveries in medicine, biomaterials, and sustainable technologies.
-  With global biodiversity plummeting and climate impacts accelerating, the time to act is NOW.

### Our Plan (2025–2028)

-  Mission: Inspire conservation and appreciation of nature through invertebrate research, outreach, and immersive education.
-  Vision: Build the world's largest insect-focused biodome—an architectural and scientific landmark shaped like a beetle!

### Phase I Fundraising Timeline

- Q3 2025: Raise \$50,000–\$100,000 to:
  - Hire a full-time nonprofit development professional
  - Hire a part-time bookkeeper
  - Hire a grant writer
- Q4 2025: Raise \$250,000 to:
  - Retain an architecture firm to create:
    - - Schematic designs and blueprints
    - - Animations and visualizations
    - - Engineering and pre-construction estimates

- Finalize capital campaign launch in Q1 2026

### Virtual Biodome Launch

We're launching a fully interactive VIRTUAL BIODOME & INSECT ZOO — accessible via web and app — to provide global education, entertainment, and exposure to biodiversity and biotech well before the physical facility is built.

### Full Facility Plan: Opening Late 2028

We aim to raise \$150 million to construct and launch the ISI Biodome — a climate-zoned, beetle-shaped architectural venue featuring immersive biomes, research labs, classrooms, public exhibits, biotech discovery labs, and conservation hubs.

 25% of all funds raised before full build will go toward education, outreach, and biodiversity research.

### Call to Action

-  Immediate Needs: Climate-stable storage for frozen insect biobank (-80°C), digital media expansion, board recruitment.
-  Research Goals: Sequence the genomes of ALL insect species. Drive breakthroughs in synthetic biology, AI, and drug discovery.
-  Education & Outreach: Build programs for students and the public, including BugFest and science fellowships.
-  Board Member Commitment: \$25K personal gift + \$50K fundraising/year + strategic support.
-  Join us to build the world's most ambitious biodiversity + biotech destination.

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