



THE BANNEKER AND AZTLÁN INSTITUTES PLEDGE

We are the members of the Banneker and Aztlán Institutes. We gather at Harvard University in honor of Benjamin Banneker, the first American professional astronomer, and in honor of Aztlán, the home of the first American people.

We pledge to put in the hard work to become more intelligent and to grow our abilities that contribute to our multidimensional excellence.

We understand this will not be easy, nor will it always be pleasant. But we recognize that this is the necessary work to become the best we can be.

We pledge to stand by our sisters and brothers, to lend support, encouragement, instruction, guidance, empathy, and friendship. For without each other, we cannot truly succeed, but together we are more than the sum of our parts!

Accomplishments!

- * So far we have done some computational astrophysics - specifically N-body
 - * numerical methods: timestep size, order of solvers, checks for accuracy of sim (conservation laws)
 - * planets, galaxies, oh my! In 3D!
- * 2D Movies
- * Static 3D models
- * Interactive 3D models

Outline of Week

~~★ Day 1: Movies!~~

~~★ Day 2: More movies! Start thinking about CD stuff~~

~~★ Day 3: More CD interactive movies/things, VR~~

★ Day 4: Glue/Hololense Demo and Gallery Exhibition

Hurray!

VR tips and tricks:

TAKE BREAKS!

Also, try not to run into things.

Navigate to the center of your model, and THEN put your phone in the cardboard glasses.

BRING: phone charger.

Future things to check out... (Also on website!)

Astrophysical Simulations

FLASH

Gadget-2

GIZMO

Rebound

Astrophysical Visualization

yt

Glue

Astroblend

ytini

x3d

Send me links!

Send me feedback!

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Thank you!