

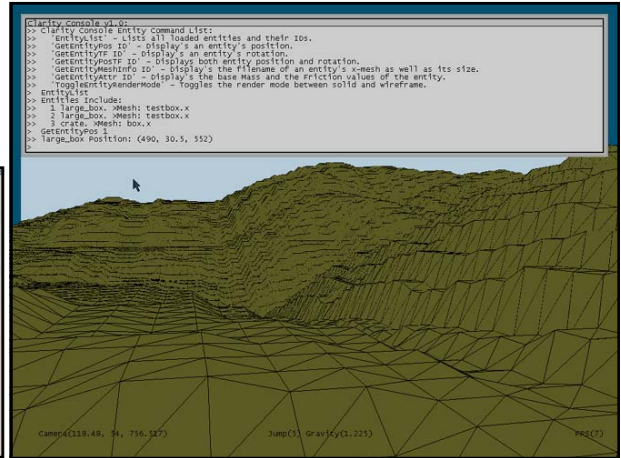
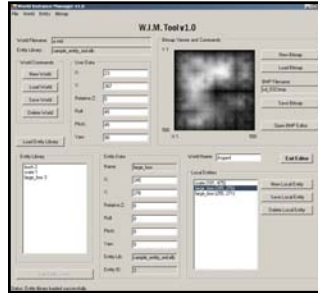


# Student Research in Computer Science

Juniors and Seniors

## Lycoming College Internships, Independent Studies, and Honors Projects

Want to do something different than regular classes? Try an **internship**, a one-semester **independent study**, or a two-semester **honors project** and work with a faculty advisor to research a **topic that interests you**. For examples of previous work, browse the student honors projects in the Snowden Library archives.



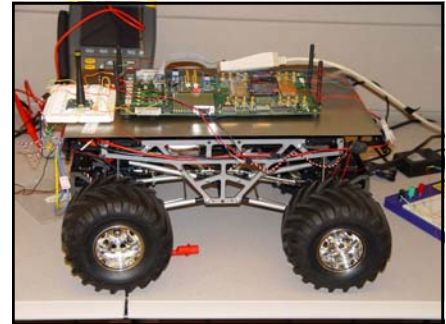
```
Clarity console v1.0:
>> Clarity console Entity Command List:
>> 'EntityList' - Lists all loaded entities and their IDs.
>> 'GetEntityPos ID' - Display's an entity's position.
>> 'GetEntityTF ID' - Display's an entity's rotation.
>> 'GetEntityMeshInfo ID' - Display's the filename of an entity's x-mesh as well as its size.
>> 'GetEntityBaseInfo ID' - Display's the base mesh and the rotation values of the entity.
>> 'ToggleEntityRenderMode' - Toggles the render mode between solid and wireframe.
EntityList
Entities Include:
>> 1 large_Box_Mesh: testbox.x
>> 2 large_Box_Mesh: testbox.x
>> 3 crate_Mesh: box.x
GetEntityPos 1
large_Box position: (490, 30.5, 552)
```

Sophomores and Juniors

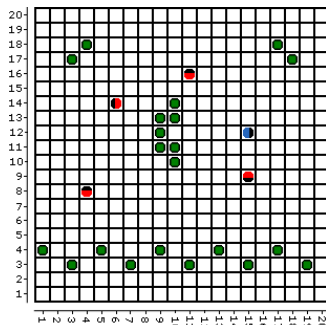
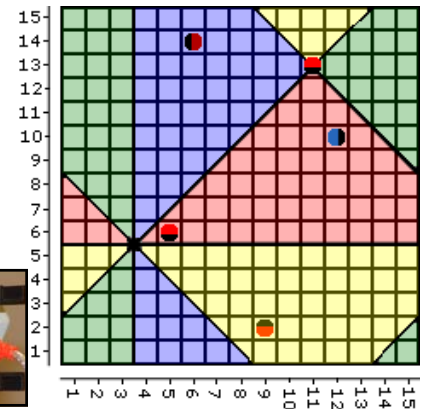


National Science Foundation  
WHERE DISCOVERIES BEGIN

The **Research Experience for Undergraduates (REU)** program, sponsored by the **National Science Foundation** in universities throughout the nation, is a great way to spend a summer learning all the **academic opportunities and careers** available through research.



If you try out an **REU** the summer before your Junior year, why not continue your work or try something new at **another REU** program the following summer? Some programs prefer repeat students, and if that option isn't available, it's always a good idea to see what else is out there. Nearly any research topic you can imagine, and many you can't, are available with a **little bit of searching** (see below).



The research depicted here was conducted by Jason M. Black '06. To learn more about the first-hand experience of getting into student research, feel free to contact Jason at [donblas@donblas.org](mailto:donblas@donblas.org), or visit <http://www.donblas.org/> for more details on his experiences.



Find REU Programs by searching at: [http://www.nsf.gov/crssprgm/reu/reu\\_search.cfm](http://www.nsf.gov/crssprgm/reu/reu_search.cfm)