

Citizen Science with the Zooniverse



What is Citizen Science?

- Citizen science is science that any ordinary citizen can help with
- Usually it involves citizens working with professional scientists
- Examples
 - Medical research
 - Medication testing
 - Human Behavior research
 - Giving computer to complex Science calculations
 - Helping classify data (ex. Zooniverse)

Interactive Activity

- Help me identify some Galaxies at [Galaxy Zoo](#)

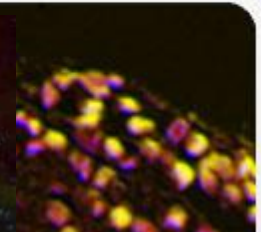
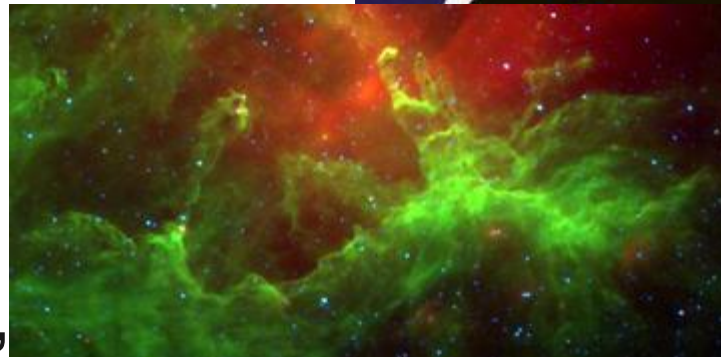


History of the Zooniverse

- Started in 2007 with Galaxy Zoo.
- Galaxy Zoo was so successful that they expanded the idea into the Zooniverse.
- The Citizen Science Alliance (CSA) develops and maintains the Zooniverse.
- The CSA works with partners such as universities to create Zooniverse new projects.
- Zooniverse has over 800,000 people helping scientists to classify all kinds of things

What is Zooniverse?

- Average citizens help science
- Projects on astronomy, climate science, marine biology, and papyrology
- Humans > computers at some tasks



Demonstrations

- Zooniverse Main Page
 - Planet 4
 - Singing Whales
 - Study the Lives of Ancient Greeks
 - Seafloor Explorer

Secret Surprise Quiz!!!

- Looking at those examples, can you think of any other scientific research projects that could use Citizen Science?

Questions For Me So Far?

????

**We Will Discuss About
Your Thoughts At the End**

Let's Try It!

www.zooniverse.org



Review/Discussion

1. What was your favorite?
2. What's something interesting you learned?
3. Can you think of any other scientific research projects that could use Citizen Science?
4. Other comments about it?

References

1. <http://www.scientificamerican.com/citizen-science/>
2. <https://www.zooniverse.org/assets/projects/hubble/background.jpg>
3. <https://www.zooniverse.org/>
4. <https://www.zooniverse.org/about>
5. <http://www.youtube.com/watch?v=-T9wizyDV8c>
6. <http://www.portlandmercury.com/binary/4eee/1249667804-1cat-computer.jpg>