

## **OAS Skill Module**

### **Thinking Inside the Pixel**

Everything's bigger in Texas. This includes everything from our super computers to our university resources. As you advance in your undergraduate career, you will find more resources available to you and your research than you thought possible. Part of the challenge is the ability to identify university assets for novel applications.

Take this skill module opportunity to explore and learn about UT's Texas Advanced Computing Center. This skill module is comprised of two parts: 1) Complete this written activity and submit it before the "field trip" and 2) Visit the TACC and ask questions

Dates are currently under negotiation and sign ups will be passed around within the next few weeks. Don't begin this skill module until you are sure you can make one of the visit times.

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### **Pre-Field Trip Activities**

- 1) Find the Texas Advanced Computer Center website and write down the URL
- 2) Summarize:
  - What does the center do?
  - What are their technology capabilities?
  - Where is it located?
  - What kinds of research do they do there?
  - How many people work there?
- 3) Find the contact information of someone who works there
- 4) Read an article about one of their projects, cite the article then summarize it
- 5) Based on what you've read, propose a novel application for the technology such as imagining a certain type of research they aren't currently working on or a way it could be used as a teaching tool. Be specific and explain how this could help visualize things in a new way.
- 6) Write down questions you have to ask (at least three) for your tour of the center.