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<center>SGCI Blog</center>

The Science gateway is a web-based interface to access HPC computers and storage systems. Gateways allow science teams to access data, perform shared computations, and generally interact with NERSC resources over the web. During the SGCI experience I have learned so much about science gateways and have had a privilege to get great examples of how they work and what they do.

I believe that science gateways will help me in the future and help others also. They will provide help to the future students and people that believe gateways are a great resource for different users to come. Here are some things that you need in order to make one:

- Incubator: Diverse expertise on demand
- Extended Developer Support: Search for gateways or software components (or create your own)
- Scientific Software Collaborative: Software & visibility for gateways
- Community Engagement & Exchange: Engage with and learn from the gateways community
- Workforce Development: Build your professional career as a student or young professional

With these tools and the right people, I believe that I could too make a science gateway that will allow computer scientist across the world collaborate with one another. I also think this will encourage young scientist to start early and network before they really have to. Knowing how to communicate is key to winning maybe an industries heart and allows individuals to get there first jobs.

I would like to intern with Kevin Ellett the SimCCS gateway professional whom advised me in the hackathon. Ellett Helped my group and I complete our task and try to understand our problem. If I had more time I believe I could make something big happen with the project that was given to us. I would truly like to thank Dr. Linda Hayden for allowing me to have this great opportunity and experience without her I'm not sure what I would have did for this long summer.