Edward Brown
Supported Projects: UV-CDAT

Quarterly Report for July 1, 2016 – September 30, 2016

Quarter Accomplishments:
- I re-formatted existing VCS documentation to work with Sphinx. [July 2016]
- I prepared a poster for the LLNL intern poster symposium. [July 2016]
- I presented a poster about using Sphinx for Python API documentation. [August 2016]
- I generated a PDF version of VCS's documentation, and presented my work on the documentation in the weekly AIMS group meeting. [August 2016]
- I set up a Javascript linter to enforce code styles for vCDAT, and made documentation describing how the linter works, and how to run it. [August 2016]
- I set up a testing framework for vCDAT, using Mocha. I also wrote a document on how to run the tests, and how to add new tests. [August 2016]
- I converted all of the API examples in VCS's documentation to doctest format. This allows us to test our example code for correctness, and should improve code coverage. [September 2016]
- I fixed some simple bugs in VCS that I found via the aforementioned doctests. [September 2016]
- I delivered a copy of the HTML and PDF VCS documentation to my mentor. [September 2016]
- I began work on implementing code coverage for vCDAT. [September 2016]

Next Quarter's Roadmap
- Will begin documenting other UV-CDAT packages (CDUtil, GenUtil, and will help Denis Nadeau with CDMS). [October 2016]
- Will continue to work on testing/code coverage aspects of vCDAT [October 2016]
- Will finish the bulk of VCS's documentation. [November 2016]
- Will continue to work on UV-CDAT package documentation [December 2016]
- Will continue to work on vCDAT [December 2016]