Modules on OASIS Update

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Environment Modules on OASIS - Updates

- Added new software:
  - Gromacs 4.6.5
    - Molecular dynamics simulations
    - Tested "hello world" simulation on a variety of sites supporting OASIS (see next slide)
    - More in-depth testing being done by a project interested in starting up on OSG Connect
  - R 3.1.1
    - Currently testing and validating
- Added module tracking to live OASIS repo, will monitor data recorded from usage

Gromacs module functionality on OASIS

- Tested Python functionality when run using modules on all sites that OSG Connect can submit to, got results on 17 sites so far, waiting for simulations to run on other 18 sites

Site	Gromacs 4.6.5
SPRACE	✔
MIT_CMS	✔
cinvestav	✔
UCD	✔
MWT2	✔
UConn-OSG	✔
BNL-ATLAS	✔
AGLT2	✔
Purdue-Hadoop	✔

Site	Gromacs 4.6.5
Nebraska	✔
GLOW	✔
UTA_SWT2	✔
BU_ATLAS_Tier2	✔
CIT_CMS_T2	✔
SWT2_CPB	✔
Tusker	✔
UCSDT2	✔