

# Hyak Scientific Software

This is a partial list of scientific software which various groups have installed and are running on hyak.

PETSc

<http://www.mcs.anl.gov/petsc/>

[Hyak\\_installing\\_PETSc](#)

beast2

<http://beast2.org/>

STAR-CCM+

<http://www.cd-adapco.com/products/star-ccm%C2%AE>

WRF

<http://www.wrf-model.org/index.php>

CESM

<http://www2.cesm.ucar.edu/>

ROMS

<https://www.myroms.org/index.php>

RELION

[http://www2.mrc-lmb.cam.ac.uk/relion/index.php/Main\\_Page](http://www2.mrc-lmb.cam.ac.uk/relion/index.php/Main_Page)

Gaussian

<http://www.gaussian.com/>

<http://students.washington.edu/hpcc/available-programs/>

Only UW Seattle people can use Gaussian. Students should ask their professor to send an e-mail to Prof. Xiaosong Li of the Chemistry Department to request access to Gaussian.

GROMACS

<http://www.gromacs.org/>

Rosetta

<https://www.rosettacommons.org/about>

Abaqus

<http://www.3ds.com/products-services/simulia/products/abaqus/>

ANSYS

<http://www.ansys.com/>

ANSYS CFD-Post

<http://www.ansys.com/Products/Simulation+Technology/Fluid+Dynamics/Results+Analysis+Products/ANSYS+CFD-Post>

ANSYS CFX

<http://www.ansys.com/Products/Simulation+Technology/Fluid+Dynamics/Fluid+Dynamics+Products/ANSYS+CFX>

ANSYS Fluent

<http://www.ansys.com/Products/Simulation+Technology/Fluid+Dynamics/Fluid+Dynamics+Products/ANSYS+Fluent>