Software	*Link*	*Description*
amber 16.0	http://ambermd.org/	Amber is the collective name for a suite of programs that allow users to carry out molecular dynamics simulations
arpack-ng 3.4.0	https://forge.scilab.org/index.php/p/arpack-ng/	
bamtools 2.4.1		A programmer's API and an end-user's toolkit for handling BAM files.
blas 3.6.0	http://www.netlib.org/blas/	The Basic Linear Algebra Subprograms library
Cmake 3.5.2	https://cmake.org/	CMake is a family of tools designed to build, test and package software.
Cmake 2.8.12.2		
comsol 5.2	https://www.comsol.com/	COMSOL Multiphysics® is a general-purpose software platform, based on advanced numerical methods, for modeling and simulating physics-based problems.
ddt 6.1	http://www.allinea.com/products/ddt	Parallel debugger supporting a wide range of parallel architectures and models, including MPI, UPC, CUDA and OpenMP.
eigen 3.2.9	http://eigen.tuxfamily.org/index.php?title=Main_Page	Eigen is a C++ template library for linear algebra: matrices, vectors, numerical solvers, and related algorithms
fastqc 0.11.2	http://www.bioinformatics.babraham.ac.uk/projects/fastqc/	A quality control tool for high throughput sequence data.
fftw 3.3.5	http://www.fftw.org/	Fast Fourier Transform library
gcc 5.3.1	https://gcc.gnu.org/	Various compilers (C, C++, Objective-C, Java, ...)
htslib 1.1.1	http://www.htslib.org/	An implementation of a unified C library for accessing common file formats, such as SAM, CRAM, VCF, and BCF, used for high-throughput sequencing data. It is the core library used by samtools and bcftools.
idl 8.5	http://www.harrisgeospatial.com/ProductsandSolution	A programming language for extracting visualizations from complex numerical data.

	s/GeospatialProducts/IDL.aspx	
impi 5.1.3		
intel 16.0.3		
lammps 20160216	http://lammps.sandia.gov/	LAMMPS Molecular Dynamics Simulator
lapack 3.6.1	http://www.netlib.org/lapack/	Numerical linear algebra package libraries
Mathematica	https://www.wolfram.com/mathematica/	
matlab R2016a	http://www.mathworks.com	MATLAB(R) is a high-level language and interactive environment for numerical computation, visualization, and programming.
metis 5.1.0	http://glaros.dtc.umn.edu/gkhome/metis/metis/overview	Serial Graph Partitioning and Fill-reducing Matrix Ordering
mpich 3.2	https://www.mpich.org/	A high-performance implementation of MPI
mpir 1.3.1	http://mpir.org/	A library for arbitrary precision arithmetic
netcdf 4.4.1	http://www.unidata.ucar.edu/software/netcdf/	Libraries for the Unidata network Common Data Form
netcdf-fortran 4.4.4		
octave 3.8.2	https://www.gnu.org/software/octave/	GNU Octave is a high-level interpreted language, primarily intended for numerical computations.
openmpi 1.10.1	https://www.open-mpi.org/	A powerful implementation of MPI/SHMEM
petsc 3.7	https://www.mcs.anl.gov/petsc/	Portable, Extensible Toolkit for Scientific Computation
pgi 16.4	https://www.pgroup.com/about/	Portland Group (PGI) is a premier supplier of software compilers and tool for parallel computing, known as PGI products. The Portland Group offers optimizing parallel FORTRAN 2003, C99, and C++ compilers and tools for workstations, servers and clusters running Linux, MacOS, and Windows
pointwise	http://www.pointwise.com/	

python 3.3.2	https://www.python.org/	
python 2.7.8		
python 2.6.6		
python-astropy		
python-ipython 0.13.2		
python-matplotlib 0.99.1.2		
python-mne 0.12.0		
python-numdisplay 1.5.6		
python-numpy 1.4.1		
python-scipy 0.7.2		
quantum-espresso 5.4.0	http://www.quantum-espresso.org/	An integrated suite of Open-Source computer codes for electronic-structure calculations and materials modeling at the nanoscale
R 3.3.1	https://www.r-project.org/	A language for data analysis and graphics
r-iterators 1.0.8		
r-rlecuyer 0.3-4		
r-rmpi 6.0-6		
r-snow 0.4-2		
totalview 8.15.10	http://www.roguewave.com/products-services/totalview	Parallel debugger supporting a wide range of parallel architectures and models, including MPI, UPC, CUDA and OpenMP.
trinity 2.2.0	https://github.com/trinityrnaseq/trinityrnaseq/wiki	Tools for processing RNA-seq data
udunits 2.2.20	http://www.unidata.ucar.edu/software/udunits/	A library for manipulating units of physical quantities
vasp 5.4.1	https://www.vasp.at/	Program for atomic-scale materials modeling
xblas 1.0.248	http://www.netlib.org/xblas/	Extra Precise Basic Linear Algebra Subroutines
xz 5.2.2	http://tukaani.org/xz/	LZMA compression utilities