CHPC – University of Texas System High Performance Computing

Address:

UT System CHPC
Balcones Research Center, Commons Bldg
10100 Burnet Rd
Austin, TX 78758-4497

Email: remark@chpc.utexas.edu

Phone: (512) 471-2472
FAX: (512) 471-2445

Description

The CHPC provides access to a CRAY Y-MP/864, currently running the UNICOS 6.1.4 operating system, a CONVEX C220 running CONVEX/OS 9.1, a cluster of two IBM RS/6000s running AIX 3.1. Our life sciences community also can access our Sun SPARCserver 690 MP running SunOS 4.1 for molecular biology and genetics research applications. Staff and onsite researchers can access a network of over 30 Sun workstations, a Sun SPARCserver 670, a Sun Sparc 2 GS, a SGI 4D310/GTX and a Stardent Titan P3000/G3 graphics workstations. Service offerings include supercomputing, visualization, and biomedical algorithm design and support.

Network Access

All CHPC systems are on the Internet. Publicly accessible systems are:

Cray Y-MP	charon.chpc.utexas.edu
CONVEX C220	hermes.chpc.utexas.edu
IBM RS6000	ethyl.chpc.utexas.edu
	methyl.chpc.utexas.edu
Sun 690	almach.chpc.utexas.edu

Anonymous FTP: ftp.chpc.utexas.edu
The Center also provides Gopher services.

Who Can Use The CHPC

The Center is available to researchers within The University of Texas System, including the following academic components:

The University of Texas at Arlington

The University of Texas at Austin

The University of Texas at Brownsville

The University of Texas at Dallas

The University of Texas at El Paso

The University of Texas-Pan American

The University of Texas of the Permian Basin

The University of Texas at San Antonio

The University of Texas at Tyler

and the following health component institutions:

The University of Texas Southwestern Medical Center at Dallas

The University of Texas Medical Branch at Galveston

The University of Texas Health Science Center at Houston

The University of Texas Health Science Center at San Antonio

The University of Texas M.D. Anderson Cancer Center

The University of Texas Health Center at Tyler

System accounts are reserved for UT System faculty, students, staff, and their academic collaborators. Special arrangements to use the supercomputing facilities are possible, as for example with Sematech and MCC. Also, state agencies and other academic institutions by contract. No commercial accounts.

The CHPC is the development site of the GenTools (TM) Genomic Computational Tool Suite.

Miscellanous

The adminstrative staff members at the Center are:

Director:
Dr. James Almond (j.almond@chpc.utexas.edu)

Associate Director, Technical Services:
Mr. Gary Smith (g.smith@chpc.utexas.edu)

Associate Director, Applications Research and Development:
Dr. Matthew Witten (m.witten@chpc.utexas.edu)

Assistant Director, User Services:
Mr. Luther Keeler (l.keeler@chpc.utexas.edu)

Manager, Computing Services:
Mr. Dean Nobles (d.nobles@chpc.utexas.edu)

Manager, Administrative Services:
Mrs. Janet McCord (j.mccord@chpc.utexas.edu)