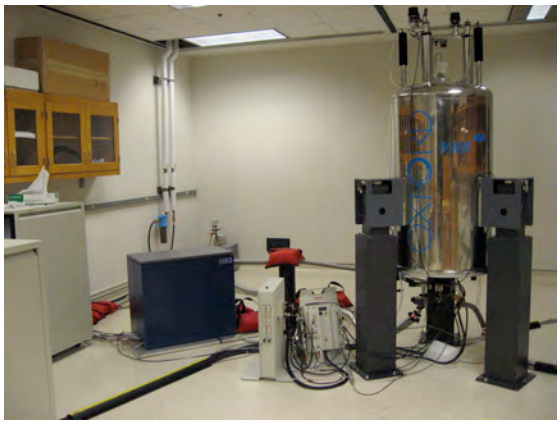
The University of Georgia 600 MHz Biomolecular NMR Resource

Basic Operation Policies (version 1.1) *

*These policies are subject to change without notice.



General. The 600 MHz Biomolecular NMR Resource is available for research requiring this magnetic field strength and high sensitivity. The system is equipped with 4 rf channels and a cryogenic triple resonance probe and is suitable for studies of biomacromolecules.

Scheduling. Instrument time can be requested by contacting Dr. Jeffrey Urbauer (urbauer@chem.uga.edu, (706) 542-7922). Researchers at the University of Georgia will receive priority. Studies of large biomolecules (proteins, nucleic acids), and those employing multinuclear, multidimensional methods will receive priority.

User Fees. Fee schedules are outlined below.

	Spectrometer Time (per hour)	**Operator Assistance (per hour)**
Academic, UGA	$6[a]	$40[b]
Academic, Other	$8	$50[b]
Industry	Inquire	Inquire

[a]May also apply to projects performed in conjunction with the Southeast Collaboratory for Biomolecular NMR, or collaborative projects
[b]May be waived for collaborative projects

Operation. Operators must be experienced in using Varian NMR instrumentation and software for data collection. Inexperienced users will require operator assistance (see fee schedules). There is no formal mechanism for training at this time.

Remote Operation. Currently, a firewall prevents remote operation.

Other Facilities. For small molecule studies using primarily 1D and 2D homonuclear (^{1}H and ^{13}C) methods, the Chemical Sciences Magnetic Resonance Facility in the Department of Chemistry (400 and 500 MHz instruments) is available (http://www.uga.edu/nmr/home.html). Other NMR instruments at the University of Georgia for similar studies (300, 500 and 600 MHz), and very high field instruments for biomolecular studies (800 and 900 MHz) are also available (http://www.ccrc.uga.edu/~ccrcnmr/nmrfacility.html).