

## CHEM/BCMB 4190/6190/8189 Laboratory (400 MHz NMR)

### General:

This laboratory component will provide practical experience in operating the 400 MHz NMR instrument in the Chemistry Department NMR facility (room 374, <http://www.uga.edu/nmr>). The grade for the laboratory component is based on written reports for the laboratory exercises, which consist of answering specific questions concerning each particular lab exercise and related concepts.

Attendance at laboratory sessions is mandatory.

There will be a teaching assistant (TA) for the laboratory. The TA will assist you in operating the NMR instrumentation and guide you through the laboratory exercises. The TA will **NOT** be available for questions outside of the laboratory concerning the laboratory exercises or the laboratory reports. All such queries should be directed to Professor Urbauer.

Handouts for the laboratory sessions are available on the home page of the course web site.

*The written laboratory reports should be original works of a single individual, should not be written by teams, and should not be the result of joint efforts between two or more students.*

### Lab Schedule:

All labs are held in the [Chemistry Department NMR facility \(room 374\)](#). All labs will begin at 3:30 sharp and will end when the exercises are completed. The exercises proceed much more efficiently when the students have carefully read through the laboratory exercise handout and when participation is focused.

The assignments for laboratory times (days of the week) are shown below. These have been determined based on the course/TA/work schedules that you have submitted. If there are any conflicts, please contact Professor Urbauer immediately:

#### Monday

Brandon Floyd  
John Jarzen  
Henry Niedermaier

Matthew McKinley  
John Muchena

#### Tuesday

Mark Bernard  
Matthew Cameron  
Dongduy Nguyen

Omar Rivera  
Anthony Shropshire

#### Wednesday

Matthew Channell  
Dominik Lungerich

Chris Moradi  
Seung Yim

#### Thursday

Spencer Britton  
Lisa James

Alvin Nguyen  
Jay Patel