

**MINIMUM EXPECTATIONS OF UNDERGRADUATE RESEARCH STUDENTS**  
**DEPARTMENT OF CHEMISTRY, UNIVERSITY OF CENTRAL ARKANSAS**

Revised 11/29/05

1. Student worker will arrive for the expected date and time. Any changes should be discussed with the faculty member in advance of the agreed upon date and time. The faculty member reserves the right of some flexibility in the scheduled date; however missed days will be made up at a later date.
2. One credit hour of research time requires a minimum of three research contact hours per week by the student.
3. Each student will perform their research under the rules of scientific honesty. This includes appropriate written records of research activity and honest and objective reporting of experimental results.
4. The student is responsible for working safely in the laboratory, including the use of appropriate eye protection, knowledge of unique safety hazards in the specific research laboratory, maintenance of a clean/organized work environment, and knowing what action to take in the event of a laboratory emergency.
5. The student will respect and properly care for shared research space and shared research equipment, including spectrometers, data file systems, etc.
6. Each beginning student will complete a Basic Skills laboratory worksheet as specified by individual faculty mentors.
7. Each student will actively participate in experimental research work. This includes
  - \*appropriate record keeping (laboratory notebook and electronic data storage)
  - \* referencing appropriate background literature
  - \* hands-on laboratory work.
8. Each student will complete a written Semester Research Summary according to individual faculty mentor's instructions. On this form the student will generally outline their research activity during the semester on a week-by-week basis.
9. At the discretion of the faculty mentor, students are required to participate in laboratory research group discussions and meetings.
10. Students will be required to formally present their research findings in one or more of the following formats. The faculty member will use their best judgment in guiding and preparing students to present their work in the most appropriate forum.
  - \* CNS&M Chalk-talk seminars and/or spring poster symposia
  - \* Regional Research meetings (ie. AR SILO or Memphis Chemistry Conference)
  - \* Regional ACS meetings
  - \* National ACS meetings

*By signing below, the student agrees that they have read and understand the minimum expectations listed above.*

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Student

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Date

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Mentor

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Date