

Harrington Fellow      Assistance Required      to help out the  
teaching; this may not be in      in      1931-32, and if it  
is available      Department of Geological Sciences

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General Geology Laboratory.-

- A. Assistance for at least ten hours per week by a well qualified graduate student, demonstrating and preparing, and correcting laboratory exercises.
- B. Assistance in preparation of charts and diagrams, etc. estimated to require about twenty hours per week for 2 years, of a competent graduate student. After that 3 or 4 hours per week.  
2 graduate students for 2 sessions.

Physiography.-

- C. Assistance in preparation of charts and diagrams, etc. and in handling and filing of the maps used in laboratory work. 1 graduate student 10 hours per week for 2 years; after that 4 hours per week.

Mineralogy and Petrology.-

- D. Assistance in Determinative Mineralogy laboratory, and in preparing minerals for class.  
1 Graduate student 9 hours per week.
- E. Assistance in classifying and arranging minerals, rocks; thin sections, and in preparing diagrams and charts.  
1 Graduate student 10 hours per week through at least 1 year - part time thereafter.

Economic Geology and Ore Deposits.      Undergraduate and Graduate.

- F. 1 Graduate student 8 hours per week preparing diagrams and sections and preparing suites of specimens for illustration purposes and for exhibition.

Summary.- The Department really needs the services of three graduate students at 8-10 hours per week all the time.

In addition at least 3 other graduate students could be kept busy for two sessions in helping to bring the teaching equipment up to date. Much has been done in the last year by the staff along this line but it means a complete modernization of the facilities and involves much tedious and detailed work which could readily be undertaken by advanced students.

The Department has but one teaching Fellowship, the "Leroy" - worth \$700, and this year the Department of Mining loaned us the