

1992

Science Notes - Molecular Biology Enrichment for Youth

Elizabeth B. Sharpe

Follow this and additional works at: <https://scholarworks.uni.edu/istj>



Part of the [Science and Mathematics Education Commons](#)

Recommended Citation

Sharpe, Elizabeth B. (1992) "Science Notes - Molecular Biology Enrichment for Youth," *Iowa Science Teachers Journal*: Vol. 29 : No. 3 , Article 15.

Available at: <https://scholarworks.uni.edu/istj/vol29/iss3/15>

This Article is brought to you for free and open access by UNI ScholarWorks. It has been accepted for inclusion in Iowa Science Teachers Journal by an authorized editor of UNI ScholarWorks. For more information, please contact scholarworks@uni.edu.

SCIENCE NOTES

Molecular Biology Enrichment For Youth

Molecular Biology Enrichment For Youth, a laboratory science program for students entering eighth or ninth grade, will be held June 19 through July 17, 1993, at Iowa State University.

Preparatory lectures in chemistry, biochemistry, cellular and molecular biology and biotechnology will precede the daily laboratory sessions. The five hour laboratory sessions are designed to develop lab skills, teach research techniques and perform college-level science research. The last week of the program will be devoted to independent research projects. Results will be presented in a forum for students and parents.

Two field trips are scheduled. One will be to an industrial biotechnology laboratory and the other will be an overnight visit to a conservation education center. Students will have the opportunity to explore career options through special activities and interaction with research scientists at ISU.

The staff will assist students in their independent research by providing access to equipment and preparing them to present papers at science meetings.

Students will live on the ISU campus. They will share air-conditioned rooms in Friley Hall with one or two other students. Meals will be provided at the residence hall dining room. Activities such as swimming, tennis, movie nights, roller skating, special meals, access to the Iowa State University Lectures and Summer Events Series and summer theater performances will be available. These activities will be supervised by the program staff and/or resident assistants.

The National Science Foundation Young Scholars Program and Eli Lilly and Company are providing grants for the tuition costs of the program. A fee of \$550 will cover room, board and activities. **Partial or full need-based scholarships are available to cover this fee, as well as travel grants to defray the cost of travel to and from the summer program.**

For more information and an application form, contact Dr. Bernard J. White, Director, Molecular Biology Enrichment for Youth, 4210 Molecular Biology Building, Iowa State University, Ames, IA 50011. The deadline for application is April 23, 1993.

--E.B.S.