

Title of project: Molds associated with "sick buildings"

Significance: In recent years, changing in building practices coupled with an increasingly litigation -prone home owners insurance climate, have led to a new interest in the molds associated with building materials and their possible adverse affects on human health.

Objective: The project will involve:

- 1) Isolation of fungi from contaminated building materials
- 2) Assessment of morphological and toxigenic variability about known molds associated with sick buildings, and
- 3) The assessment of volatiles associated with molds found on ceiling tiles and other building materials.

Student will contribute to experimental design and be responsible for collecting and analyzing data.

Pre requisite: courses in introductory biology and chemistry. A course in Microbiology highly desirable but not required.

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