

2010-11 FYRE First Year Research Experience

Dr. Michael Vincent and Dr. R. James Hickey in Botany are looking for First Year students to become part of their research projects through the new FYRE program.

To apply, e-mail Martha Weber at weberme@muohio.edu



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Interested in FYRE-STEM or Research Shadowing Opportunities in Botany?

Flora of the Bahamas project

Project description: comprehensive review of the plants that grow in the Bahamas (and Turks and Caicos), including field studies on the various islands of the archipelago, reexamination of herbarium specimens from major collections of Bahamian material, reevaluation of the nomenclature of the species occurring there, and writing a new flora for the archipelago, including descriptions and keys to families, genera, and species. Research involves field, laboratory (herbarium), and library research. Product will be descriptions and identification keys and distribution maps of the organisms.

Reexamination of the taxonomy of flowering plant or fern genera or species complexes

Project description: Examination of flowering plant or fern specimens and living material in order to reevaluate species delimitations in a group of closely related organisms. This would involve research in the laboratory (herbarium) or in the field, depending on the organisms under study. Taking of measurements and statistical analyses of data are involved. Product will be a publication of new descriptions and keys, as well as distribution maps of the organisms.

Floristic projects on natural areas in SW Ohio

Project description: Floristic survey of plant species found at any of several natural areas in SW Ohio. This involves field work to examine the site and collect specimens, identification of the specimens in the herbarium, and writing a project summary. Product will be a report to the agency in charge of the site, including a floristic description of the site, distributional data, and a species list, as well as comparisons of the site to others in the region, and possibly management recommendations.

<http://www.cas.muohio.edu/botany/research/>