

Introduction of a Medicinal Plants Garden to Revitalize a Botany Curriculum for Non-Science Majors

Authors : Rosa M. Gambier, Jennifer L. Carlson

Abstract : In order to revitalize the science curriculum for botany courses for non-science majors, we have introduced the use of the medicinal plants into a first-year botany course. We have connected the use of scientific method, scientific inquiry and active learning in the classroom with the study of Western Traditional Medical Botany. The students have researched models of Botanical medicine and have designed a sustainable medicinal plants garden using native medicinal plants from the northeast. Through the semester, the students have researched their chosen species, planted seeds in the college greenhouse, collected germination ratios, growth ratios and have successfully produced a beginners medicinal plant garden. Phase II of the project will be to tie in SCCCs community outreach goals by involving the public in the expanded development of the garden as a way of sharing learning about medicinal plants and traditional medicine outside the classroom.

Keywords : medicinal plant garden, botany curriculum, active learning, community outreach

Conference Title : ICMPPNP 2016 : International Conference on Medicinal Plants and Natural Products

Conference Location : San Francisco, United States

Conference Dates : June 09-10, 2016