

iPad applications in biology and microbiology laboratories and in field work: a *real time* pedagogical strategy for pre-university natural science and technical programs



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Using the i Pad in the biology laboratory to project standard technical demonstrations in “real time” with Apple TV is a strategy that allows students to better see and understand the teacher’s expectations. This tool allows the student to confidently acquire laboratory techniques and develop a mastery of them in several biology courses.

Students are encouraged to develop their skills, sense of observation and critical judgment as to results obtained and gain a better understanding through seeing the procedures unfold. Self-assessment and acquiring autonomy build student confidence in preparing for laboratory tests and are desirable learning strategies in any program.

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