

Integrating Laboratory Research Experiences in the Biology Curriculum

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At Carnegie Mellon, the biology curriculum provides a research experience for freshman that creates research interest, improves problem solving and analytical skills that are further developed in advanced biology courses. Freshman research courses include: 1) *Cellular Response to Environment* - new discovery through imaging a cell's response to environmental changes; 2) *Summer Research Institute* - an intensive summer research experience; 3) *Phage Genomics* - an introduction to research in bacteriophage genomics; and 4) *How Biological Experiments Work* - an understanding of the principles of biological experimentation. This workshop describes course goals, and how to adapt and implement them in the curriculum.

Mission, Review Process & Disclaimer

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