

Abstract Submitted
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Basic biophysics as a pedagogical tool GUS L.W. HART, Brigham Young University — Some of the most basic processes of biology (e.g., diffusion and viscous flow) can be explained using physics learned in the lower-division calculus-based physics courses. Most of these processes do not even require an appeal to basic quantum mechanics. Thus, basic biophysics provides an interesting “capstone” for first-year physics (and another chance to get a feel for entropy!). I will discuss several examples showing how simple physics is at work in interesting biology.

Gus L. W. Hart
Brigham Young University

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