

Part 2: Why Change Our Approach to Teaching? - Why we are teaching science wrong, and how to make it right

A bit more to follow up on yesterday's TA email:

Please see the NEWS article below in NATURE, which contains the following quote.

"At this point it is unethical to teach any other way."

This is a very strong statement and not intended (by me anyway) as an indictment of anyone. After all, I am guilty of the noted sin myself.

But it's still worth all of us noting that there is an evidence-based revolution underway in education, and most of us are still using lectures as our primary method of teaching.

To really use these active learning methods well, we would probably need to change our curricula - and acquire teaching spaces that lend themselves better to the methods.

FWIW – Food for thought!

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NATURE | NEWS FEATURE

Why we are teaching science wrong, and how to make it right

Active problem-solving confers a deeper understanding of science than does a standard lecture. But some university lecturers are reluctant to change tack.

Essay: http://www.nature.com/news/why-we-are-teaching-science-wrong-and-how-to-make-it-right-1.17963?WT.ec_id=NEWS-20150716&spMailingID=49112936&spUserID=MTc2NjZzMzc1MwS2&spJobID=722047997&spReportId=NzlyMDQ3OTk3S0

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"Everyone leads: It takes each of us to make a difference for all of us."