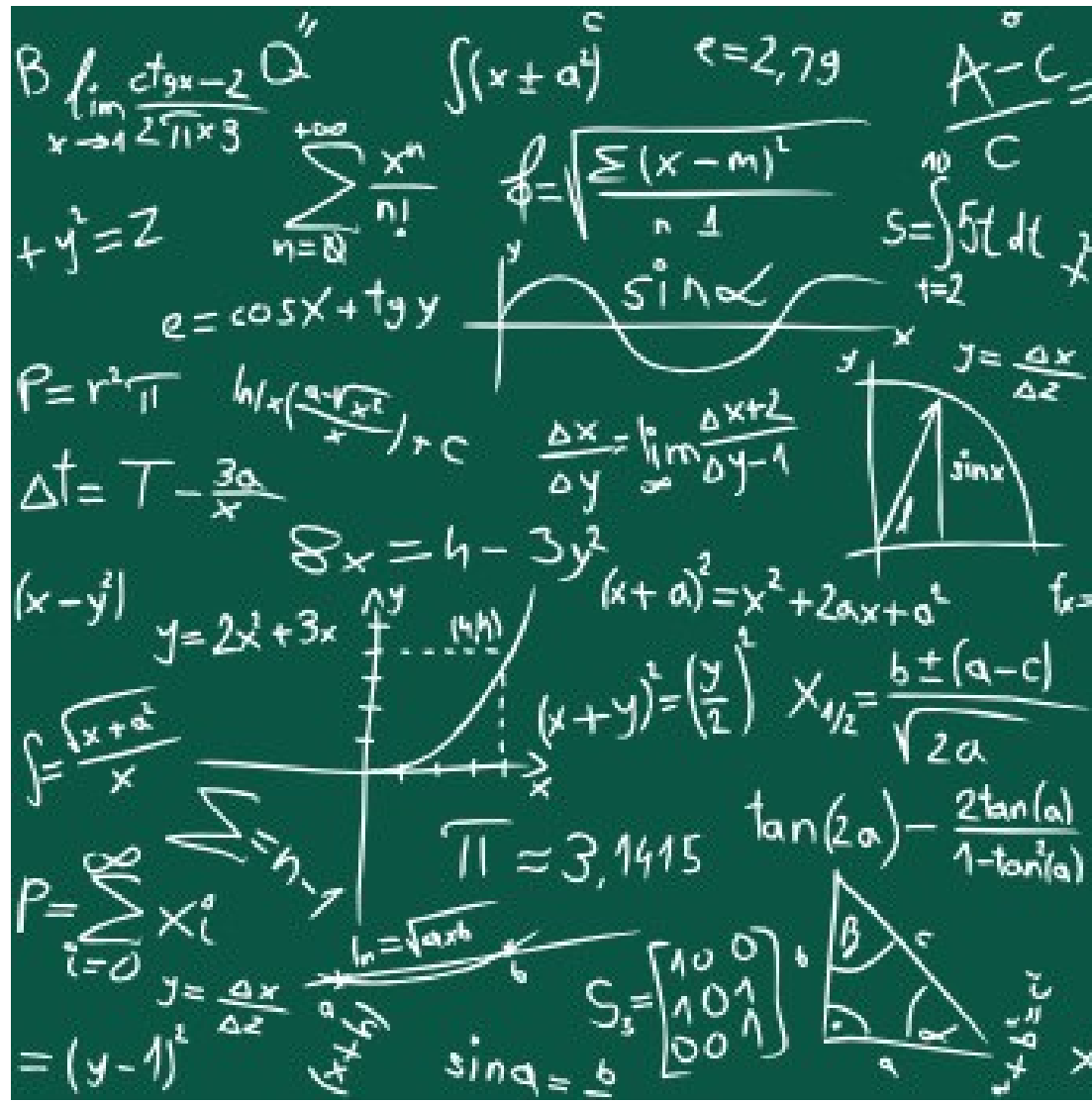


Today: Why are solutions so hard to come by?

Plus peer review exercise

(No lab W 8/10)

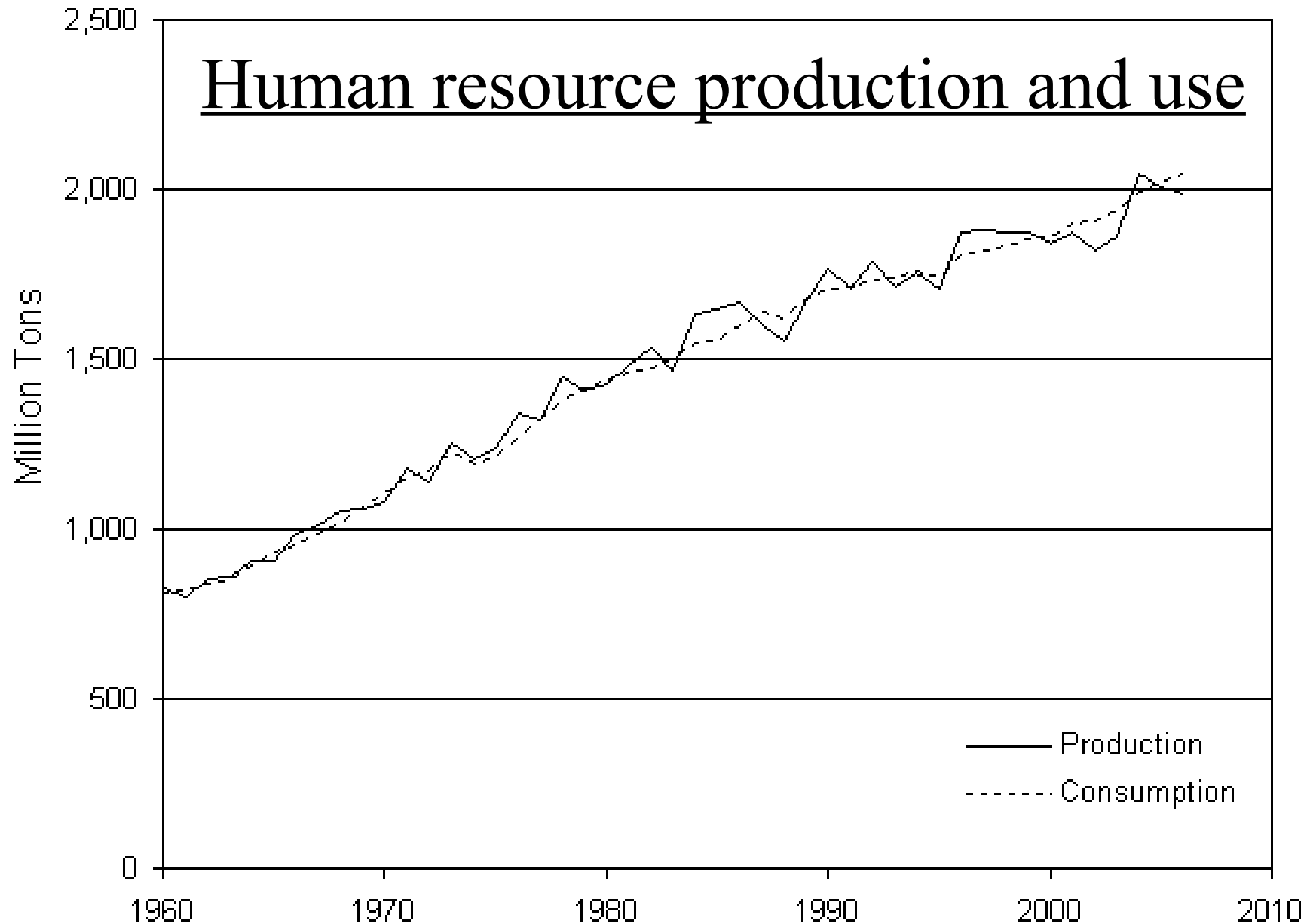
Oral and Written Reports due Th 8/11

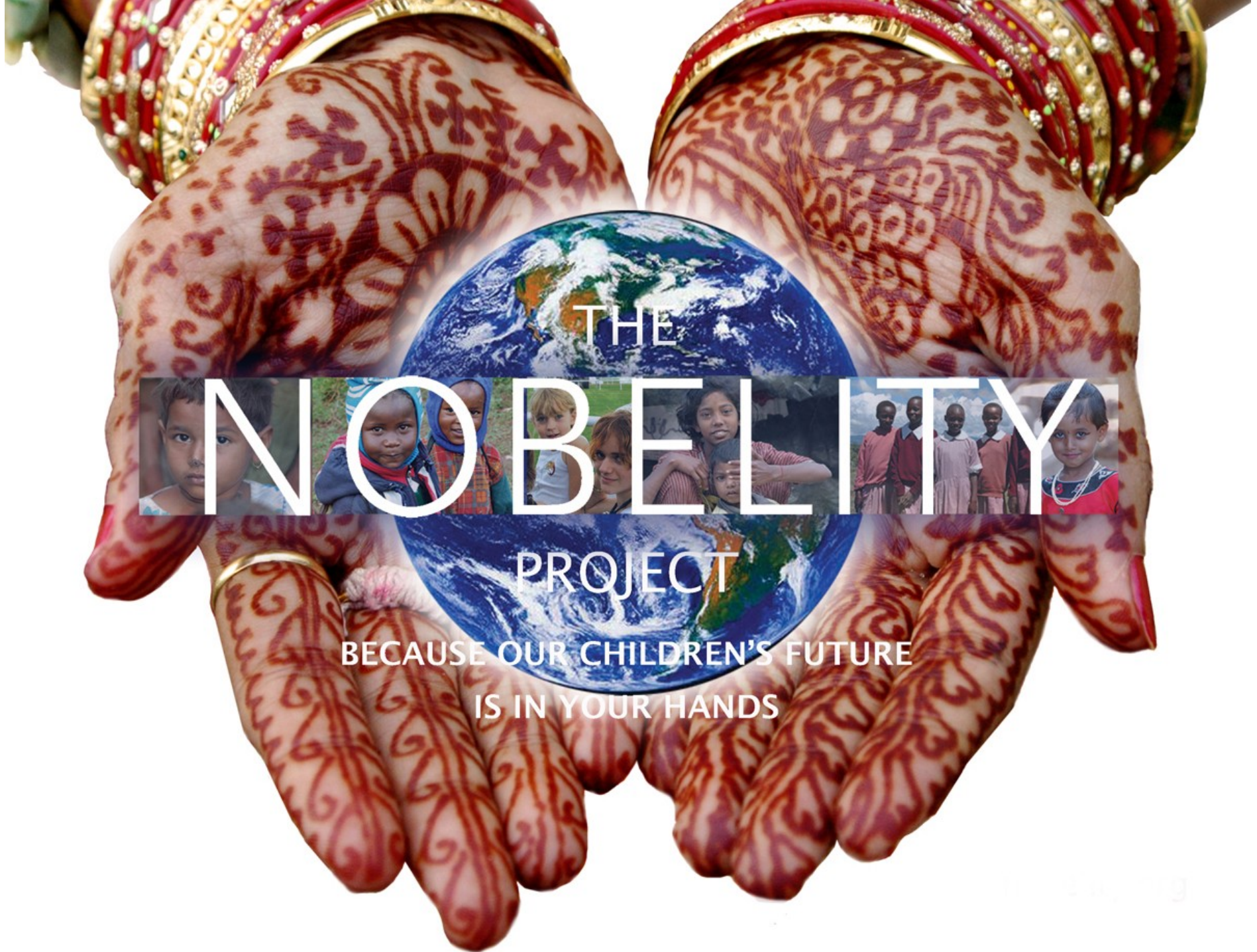




<http://www.thedailyshow.com/watch/wed-september-22-2010/are-we-run-by-a--holes->

Even though we produce more food than we consume, people are starving.

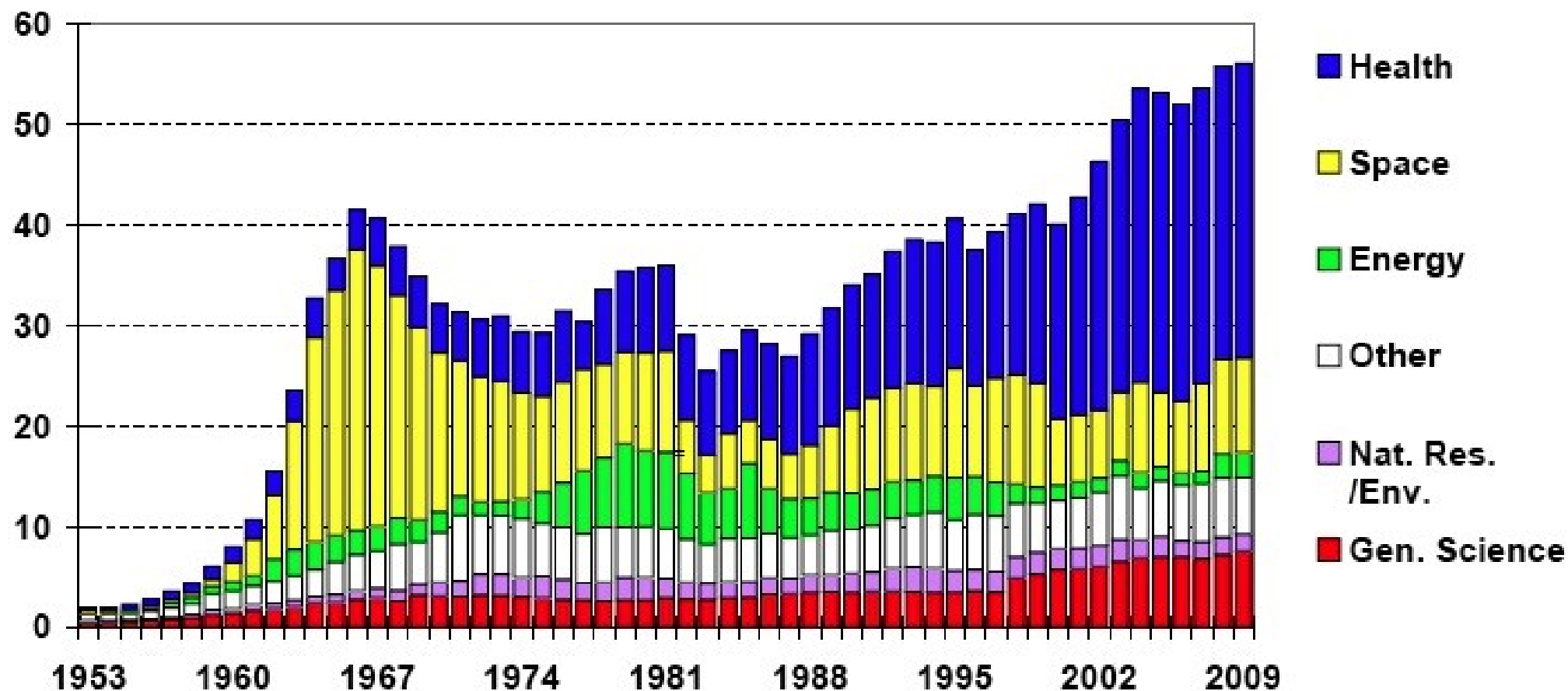




Nobelity: ~10:00 min.

Trends in Nondefense R&D by Function, FY 1953-2009

outlays for the conduct of R&D, billions of constant FY 2008 dollars



Source: AAAS, based on OMB Historical Tables in *Budget of the United States Government FY 2009*. Constant dollar conversions based on GDP deflators. FY 2009 is the President's request.

Note: Some Energy programs shifted to General Science beginning in FY 1998.

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What do we need to solve problems?

http://www.ted.com/talks/sir_ken_robinson_bring_on_the_revolution.html

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Answering already answered questions is not progress. We need Creativity.

Why?

Our political and business systems do not favor long-term planning.

Most people are insulated from their decisions.

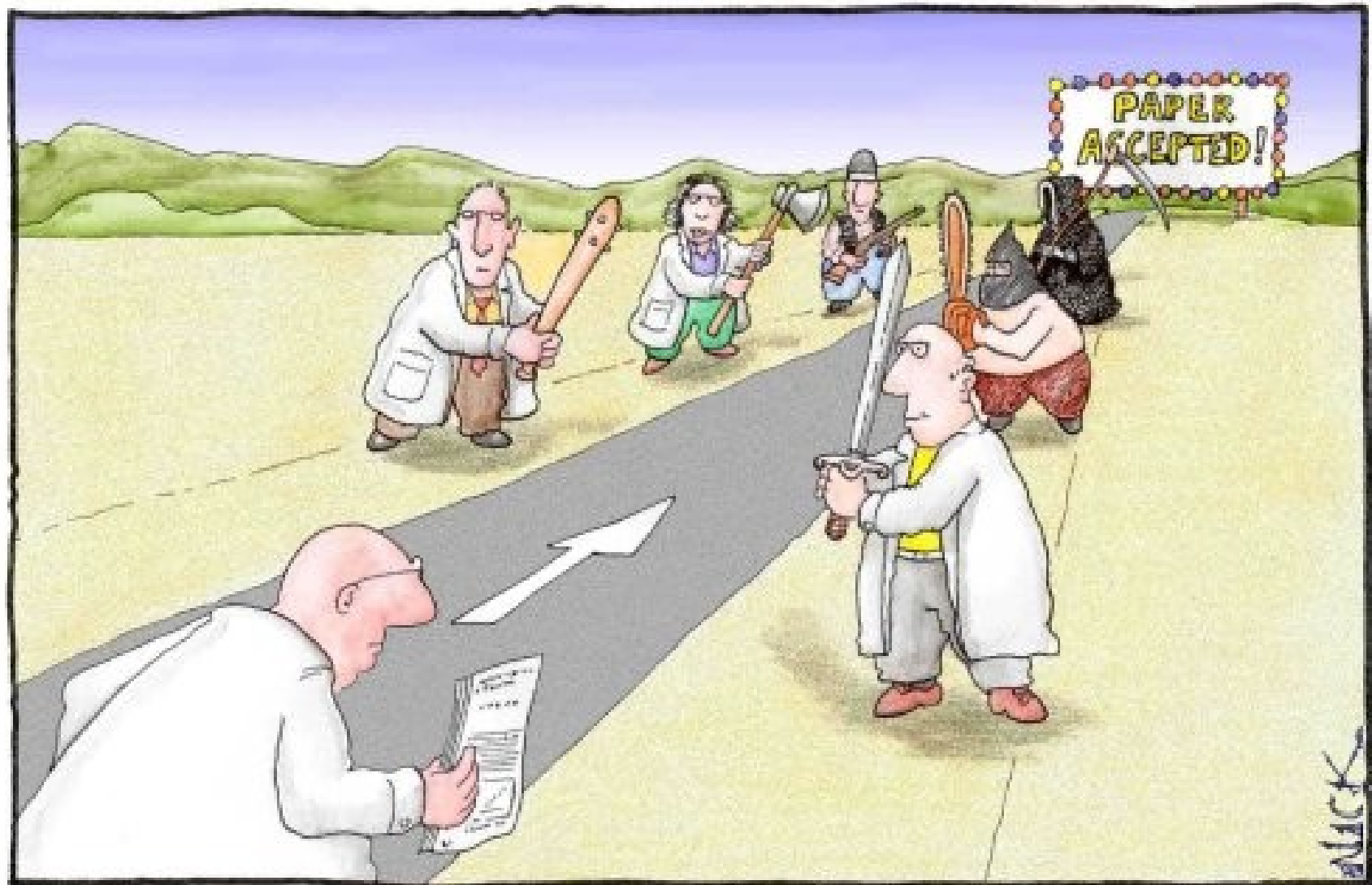
Why?

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Solutions...?

Peer Review Exercise...



Most scientists regarded the new streamlined peer-review process as 'quite an improvement.'