Excellence is not a Goal. It's a Journey.



Prof. Daniel Zajfman Weizmann Institute of Science



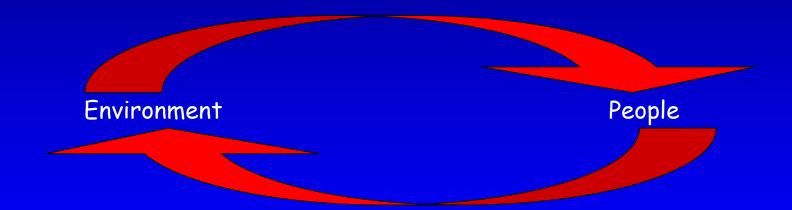








Excellent researchers require an environment that is just as good as they are.



Ideal Environment Nurtures Excellence

Singapore airlines (SIA)

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"best business class",
"best cabin crew service",
"best in-flight food",
"best for punctuality and safety",
"best for business travelers",
"best air cargo carrier" and
"Asia's most admired company".
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Excellence, is a dynamic phenomenon and not a point of arrival.

Because even the highest standards for the service provider soon become the minimal standards for the customer.

This is why excellence is not a goal, but a journey.



What is the secret behind excellence?

The secret to building a culture of excellence starts with a focus on people



Excellence is people driven

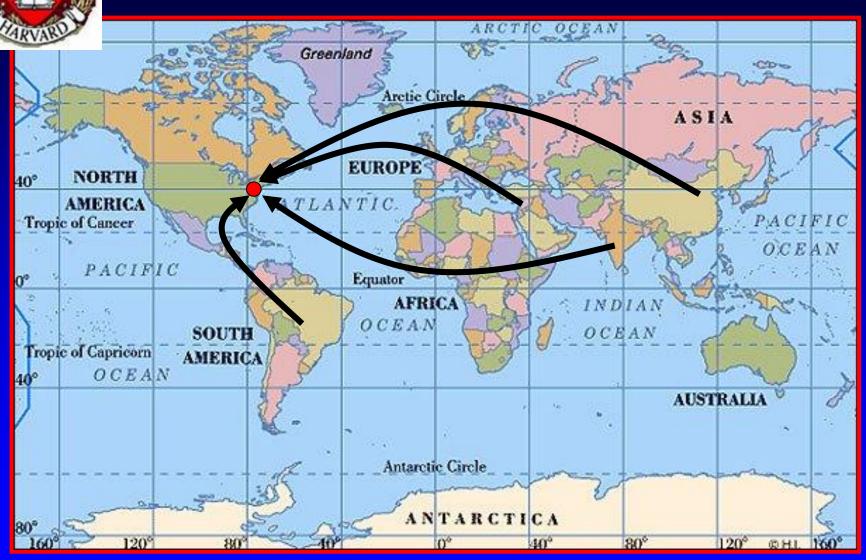
Where are the excellent people?

The Israeli Problem

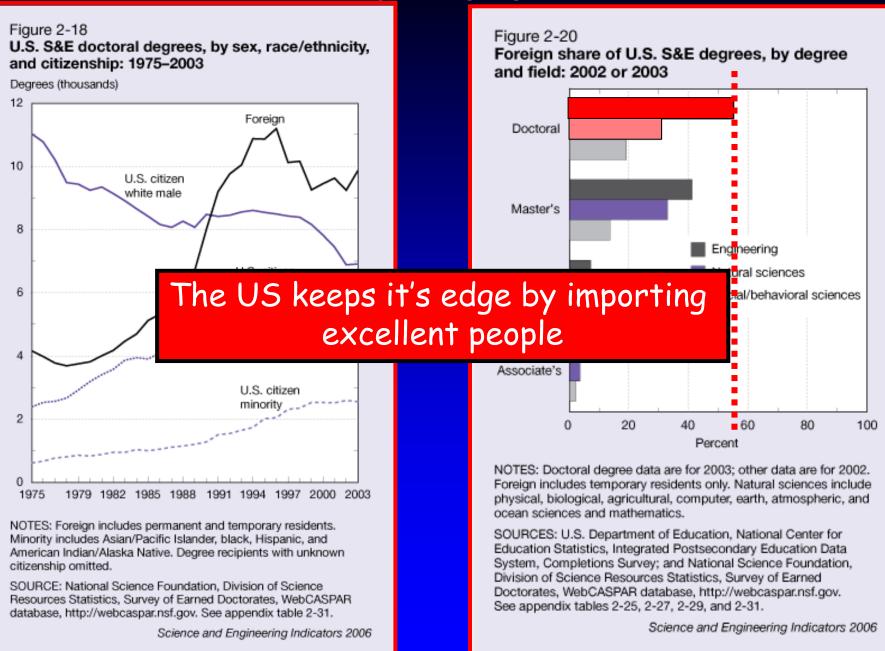
7 millions vs 7 billions.

VEI RII

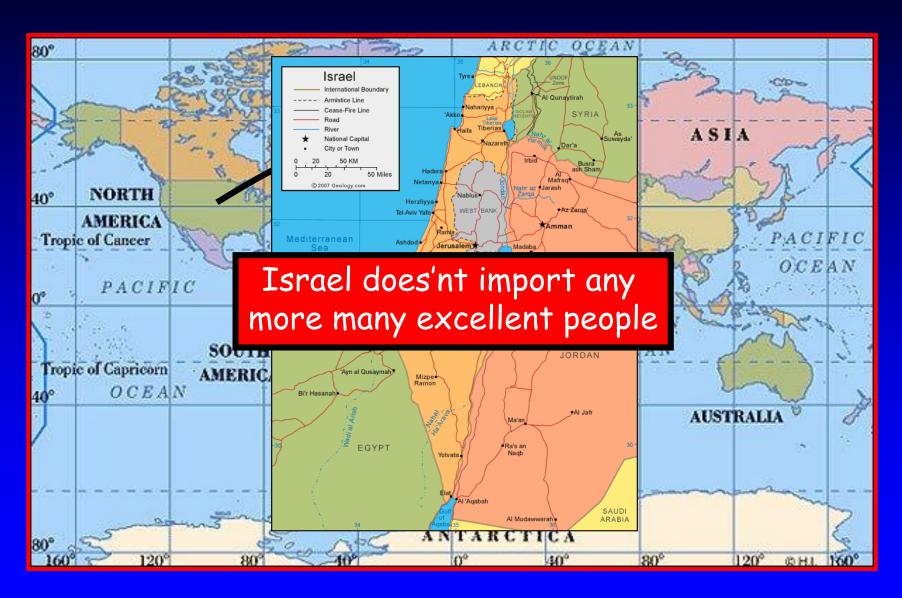
The pool of talent: 7 millions vs 7 billions.



Science and Engineering degrees in the US



The pool of talent: 7 millions vs 7 billions.



The Israeli Problem

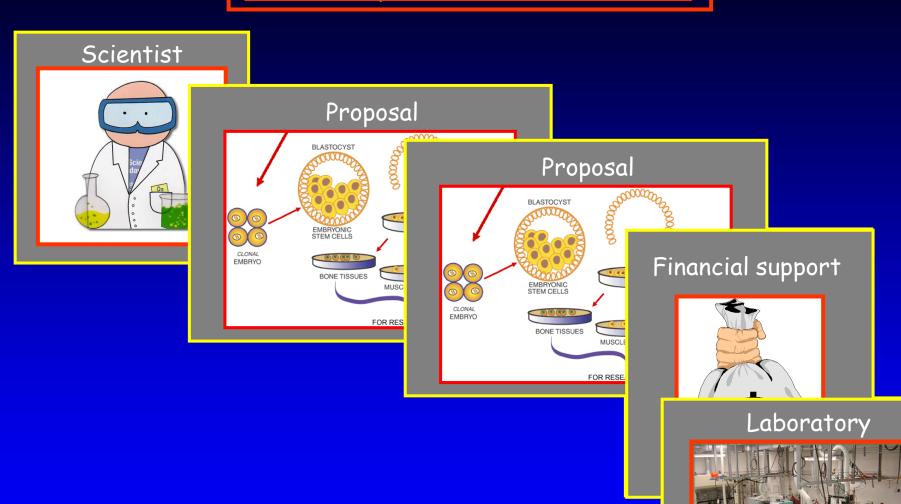
7 millions vs 7 billions.

Be people driven, not subject driven

Academic Research as an Example

Educate

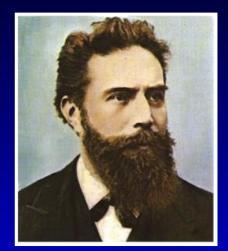
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Independence:

The Kimmel Award at the Weizmann Institute of Science

People (Curiosity) Driven Research



Röntgen



Crookes tube

Excellent people work in excellent field, and they can often provide answers to questions that cannot be asked



The Israeli Problem

7 millions vs 7 billions.

Be people driven, not subject driven

Academic Research as an Example

Educate

How to educate so that people can provide answers to questions that they cannot ask?

How to Educate Excellence?

Curiosity leads to motivation, which leads to excellence

Is curiosity innate, or is it learned? No clear answer to this question.

But there must be a Biological Basis: Self-Preservation and Survival



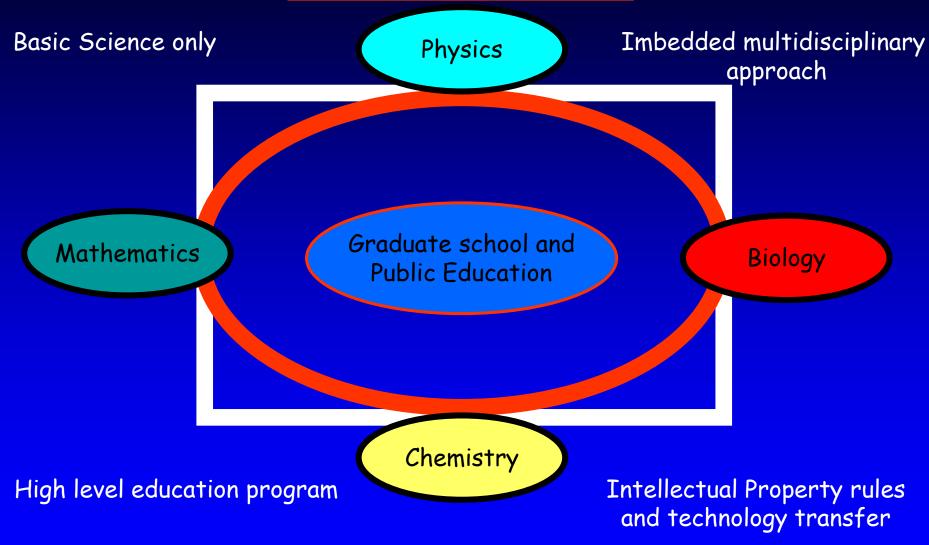
So what should we do so that we don't kill our kids curiosity?

It is not what you learn, but very often how you learn it, and who is the teacher



Since excellence is not a goal, but a way of life, it should be taught by role model

Weizmann Approach: Excellence Landscape



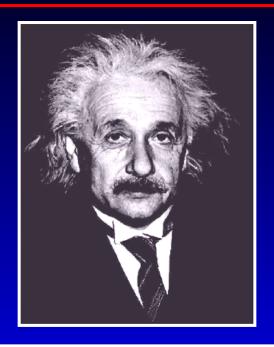




The secret to building a culture of excellence starts with a focus on people



Is basic research changing our world?



"The world we have created is a product of our thinking. It cannot be changed without changing our thinking".

