

NISTEP

公開オンラインシンポジウム

「研究力再考」
〜次の20年を見据えた
「研究力を育む土壌」と共創の道〜



Nurturing science culture

---科学をする文化を育む

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How to do ~~impactful~~ science? fun

インパクトのある研究をするには？
楽しい

You cannot control the impact of your science

But you can control the potential impact of your science

Having fun doing science increases the chance that it
becomes impactful

External vs. internal value systems

外的 vs. 内的 評価システム

External

vs.

Internal

Impact

Impact factor

Ranking

Grant \$\$

What satisfies you?

What is fun?

What do you think is important?

What fascinates you?

Not under your control

Under your control

Strengthening internal value system leads to external values

内的評価システムを強化すると外的評価がついてくる

‘S/he was pursuing that question just because it was
interesting to her/him, and it led to THAT discovery’

Internal value

What can we do to facilitate 'THAT' discovery?

どうやって「あの発見」が起きる可能性をあげるか？

Individuals' curiosity

Do not impose your own value on others
(inside and outside science)

Remember, we might not recognize true geniuses
(so don't kill others' talent by our arrogance)

Example: the case of my lab

私の研究室の例

‘Whose projects did you find interesting?’

‘What kind of questions fascinate you?’

➔ ‘If you want to ask this question, how to rigorously test the idea?’

(PI only functioning as a gatekeeper of the rigor, not ‘what project to do’)

Everyone has their own original mind

Looking into next 20 years

---これからの日本へのメッセージ

20 years is not that long...

It is just about cumulative of what
you do everyday

- We should not 'box-in' scientists
- Trust individuals' curiosity
- The best we can do is to be 'permissive' of talents which is the 'culture' of nurturing science

Your mind is your talent



Bloomington Stock Center, Flybase
Developmental Studies Hybridoma Bank,
Flytrap, VDRC (Vienna), DGRC (Kyoto)

