Research and innovation in high education

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We know:
Institutions of high educations are central to progress of society and its economics.  

We needed, and still need:
High education that maximally enhances student learning and employability

Nowadays we have a new situation:
Fast changing globalized world, that is full of innovations everywhere - information and communications, transportation, health and food – and is *creating new jobs*

And new demands for educations:
Follow technological developments, bring new professionals

We now need:
Education that continuously involve in order to meet challenges of fast changing globalized world.

The new goal for high level education:
*Innovative* or capable of fast changes towards new demands from society and industry, quick to use novel teaching techniques and tools.
*Research based* for helping students to develop critical thinking.
Who is involved?

_Institutions_ (professors, researchers, demonstrators, administrators)  
_policy makers_

Bringing changes to education:

_In world of private education_
Institution and policy makers are under the same roof  
State forward to come to common turf – what to do to **survive**.

_At state universities_
Imposing new educational policy, firing, hiring – complicated.  
In Serbia it is very complicated.
Road to innovation and research in high education in three steps:

- *Learning* about state of education and involvement of innovation, through periodic surveys of teaching practices at institutions of high education.

- *Implementation* of mechanisms for innovative educational system and for *rewarding innovative initiatives* that enhance student learning and employability.


**Requires:**

*National strategy for educational sector.*

This is the job for policy makers.

**It is happening:**

- Some countries have recognized importance of these strategies. If interested see a good example - *Hungarian National Education Sector Innovation System*.

- *Education of educators. Master courses on research and innovation in high education* – Master of advanced studies - (Austria, Finland). For qualified and effective *management.*

An idea for new MAS program at BU.
Needed mechanism:
Strategy for innovative and research-oriented education, for rewarding successful innovation.

Implementation:
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Obstacles:
- autonomy of faculties of state universities when comes to programs, progress of teachers, employment of new teachers, have or not have new courses, new scientific fields...
- Not (enough) research and lab practices with modern instruments, advanced research in our faculties.
- Not enough (adequate or any) faculty space for new facilities
- Universities are all over town, faculties are all over town!

It is the campus, stupid.