

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.
- *Analyses* of effects of innovations. New surveys and comparisons.

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.