ACQUISITION OF TEACHING COMPETENCE THROUGH RESEARCH

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Linking Research and Teaching: The Different Views

• Some claim that the best researchers are usually the best teachers (e.g. Cooke, 1998)

• Others dispute this claim (e.g. Jenkins, 2000)
Two Basic Questions are:

Do academics need to be grouped as:
• teachers, researchers,
• or teacher-researcher?

Does Teaching-Research Interaction exist?
We are all researchers.

In a ‘knowledge society’ as a university, all graduates – have to be researchers (Scott 2002)

Research and inquiry is not just for those who intend to pursue an academic career.

It is central to professional life in the twenty-first century.” (Brew 2007)

As a business man, you need to research the market.
The Term "Teacher-Researcher"

• Teachers daily routines consist of instructing students, grading papers, taking attendance, evaluating their performance as well as looking at the curriculum

• In addition to the above, Teacher-researchers raise discussions, questions, tutorials, term papers, mini projects about what they think and observe on the real-life applications of the course.
Linking Research and Teaching: Basic Fluid Dynamics as case study

Underwater Hotel Suite and Lounge
At an ocean depth of 1 000 m, what force must the frame around a circular submarine porthole having a diameter of 30.0 cm exert to counterbalance the force exerted by the water? Assume the density of seawater is 1,024 kg/m$^3$ and the air above exerts a pressure of 101.3 kPa.
REFERENCE
Salem M. L., Teaching versus research in academia, a symbiotic or parasitic relationship (2008). Conference of the Association of Egyptian American Scholars
THANK YOU