









Outline

- Goals of eLearning
- Current activities
- Examples
- Networking
- Outlook







Goals of eLearning

- improvement of quality
- improvement of sustainability
- facilitating life-long learning
- tighter linking of education and research
- meta-skills: digital literacy etc.
- less realistic: reduction of teaching costs





Current activities

EUFEPS session at the 3rd PSWC, Amsterdam, April 2007

Pharmaceutical Sciences in-silico Learning Systems: Value and Availability

Stephen Moss, University of Bath (UK) Computer applications in pharmaceutical education and research

Alexander Vögtli, University of Basel (CH) pharmasquare - Blended Learning in Pharmaceutical Sciences

Thierry Langer, University of Innsbruck (AT) PharmXplorer, an integrated platform for e-learning in pharmaceutical sciences

presentations available at http://merian.pch.univie.ac.at/eufeps/pswc2007/





Current activities

EUFEPS Branch Office for in-silico Systems and Learning: European networking, coordination, *started operation on 2 July 2007*

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EUFEPS	The newly established "EUFEPS Branch Office for in- silico Systems and Learning" will start its operation by 1 July 2007	У,	
EUROPEAN FEDERATION FOR PHARMACEUTICAL SCIENCES	Vienna Branch Office		
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EUFEPS Home	24-25 Sept 2007, Vienna, Austria		
Administrator	This workshop will be jointly organised by the University of Vienna, Faculty of Life Sciences,		
LOGIN FORM	and the European Federation for Pharmaceutical Sciences (EUFEPS). It will address all relevant aspects associated with the employment of computer-aided learning / eLearning / blended		
Hi, Norbert Haider	learning / n-silico learning in the pharmaceutical academic education, Target audience: lectures and tutors from all pharmaceutical disciplines. The workshop will be held in English. Last Updated (Friday, 22. June 2007) Read more		
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Current activities

operation/coordination of eLearning projects on

- Iocal level: Faculty of Life Sciences, Univ. Vienna
 - large-scale deployment of blended learning in the pharmaceutical study-entrance phase
 - 6 pharmaceutical departments involved
 - funding: approx. 100.000,- € (2 years)
 - main investment: human resources → eTutors

national level: PharmXplorer

- universities of Graz, Innsbruck, and Vienna
- all pharmaceutical disciplines involved
- funding: approx. 450.000,- € (3 years)
- extension to post-graduate training





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- information database of marketed drugs (Austria)
- eLearning modules for different levels
- teaching repository for course materials
- post-graduate education
 - training courses for community pharmacy professionals
- collaboration with the Chamber of Pharmacists' educational programme
 - community area / discussion forum
 - > 4000 registered users















































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- PDF documents for lectures originating from the three major Austrian universities
- links to recent literature covering hot news from pharmaceutical development
- more than 400 animated graphics
- video clips of standard laboratory techniques
- interactive training elements
- regular updates
- serves as a portal throughout the curriculum and also after graduation





Networking

primary tasks of EUFEPS Vienna Branch Office:

- bring people together who are active in pharmaceutical eLearning
- establish communication facilities (mailing list, forum,...)
- organise workshops and meetings
- locate best-practice examples, increase visibility
- build a catalogue of resources
- assist to establish European collaborations in pharmaceutical eLearning

http://vienna.eufeps.org





Outlook

current and upcoming developments:

- application of Web 2.0 technologies
 - technical features: AJAX, ...
 - mesh-up techniques
 - video/audio streaming: tele-lecturing, -conferencing, podcasting
 - collaborative tools: Weblog, Wiki, ...
- on-line communities, social networks
- improvement of didactic concepts
- intensified co-operation





Outlook

eLearning will not remain restricted to undergraduate and graduate education and training, but it is developing into Science Communication

- closer integration of research and education
- new facilities for efficient peer-to-peer communication of scientific content
- better science-to-public communication
- extension towards pre-university audience