

Certification Programs for eHealth – Status Quo

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> So spannend kann Technik sein.



Introduction

- Apart from school education and university studies, there are advanced/postgraduate training programs, which play a very important role regarding education of the eHealth workforce.
- “eLearning4eHealth Network” project
 - Establishment of international eHealth experts group
 - Coordinated development of educational programs and certifications
- Identification of gaps regarding eHealth certifications



Methods

- Internet based literature research
- Definition of Categories: Three main thematic content categories based on the “eHealth European Interoperability Framework (eHealth EIF)” Study Report
- Definition of target professions: Healthcare, Engineering, Management
- Evaluation criteria:
 - Certification program distribution
 - Content type of the certificate
 - National or international certificate validity
 - Provided by academic or non-academic institution
 - Region: EU, US, global
 - Target Group
 - Certification type: pure certification and/or part of an educational program



Results

- 47 certification programs fulfilling the requirements:
 - EU: 13 programs
 - US: 23 programs
 - Rest World: 11 programs

Percentage composition for the main thematic areas:

EU: 66% Engineering,
18% Medicine
16% FML

US: 49% Engineering
11% Medicine
40% FML

World:
57% Engineering
14% Medicine
29% FML

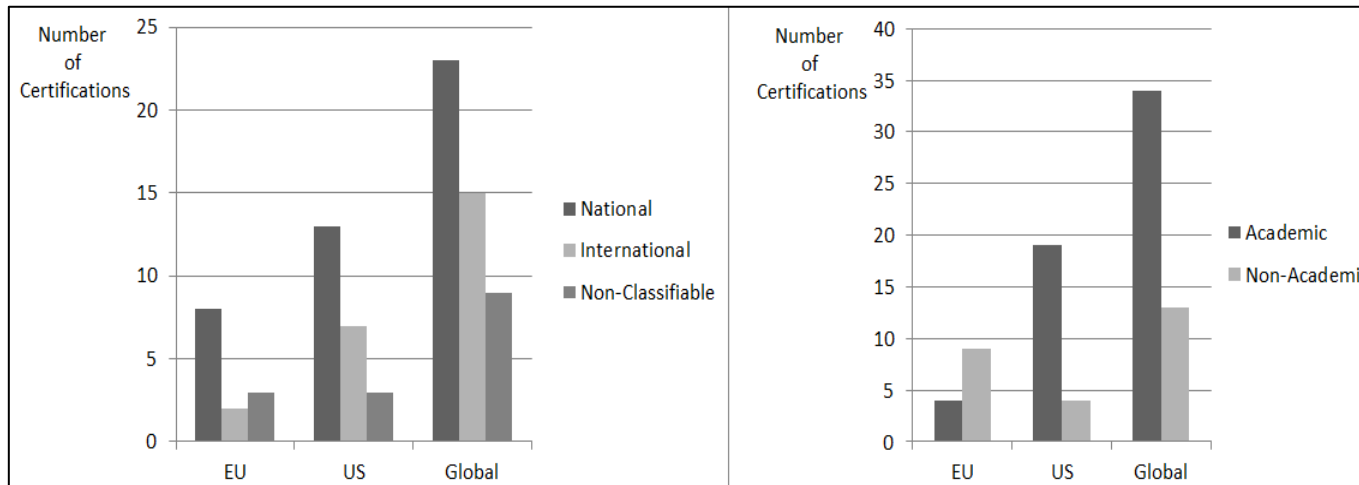
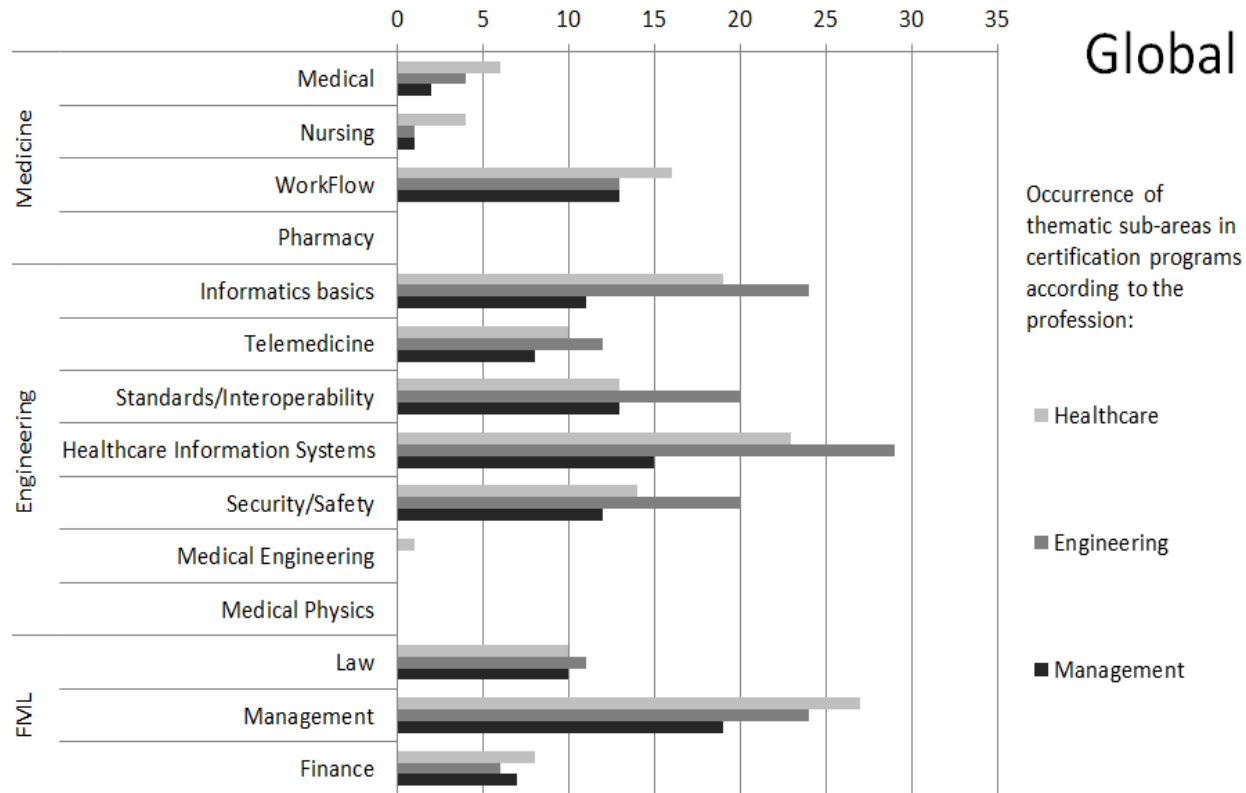


Figure 5. Certificate type occurrence.

Left: National/International applicability
Right: Academic/Non-Academic nature



Results



Discussion

- Difference between EU and US:
 - Higher coverage of the FML domain
 - Universities in the US play a key role in professional certification in contrast to EU
- Importance of Standardization is recognized
- Programs not internationally coordinated and harmonized



eLearning4eHealth Network

Thank you for your attention!

