Core Research Area: *Reducing the Digital Divide*

Research project proposals produced by the experts of the 4th STELLAR Delphi round

123. Reducing the Digital Divide **Group: Researcher**

Project_title

Reducing the Digital Divide: A Comparison between K-12 and Undergraduate Students

Project_description

Are K-12 students prepared to use technology at Collegiate level?

Project_partners

K-12 institutions

4 Year Colleges

Project_justification

-

124. Reducing the Digital Divide **Group: Researcher**

Project_title

Not established yet

Project_description

There are two areas of interest to me:
1. Closing the gap between haves and have nots.
2. Using ICT to address the problem of NEETS (young people Not in Education, Employment or Training).

Project_partners

-

Project_justification

125. Reducing the Digital Divide **Group: Researcher**

Project_title

Technology used for learning by people and children and young people with disabilities

Project_description

How far do digital technologies act as an enabler or barrier for learning for children, young people and adults with disabilities

Project_partners

Techdis

Project_justification

Digital technologies have huge potential for children, young people and adults with disabilities. Nevertheless, many websites and other applications already used for education and being presently developed, take little note of disability and how digital technologies can act as a barrier rather than an enabler in these circumstances. Disability should be viewed in the same way as gender, race, sexual orientation etc and be worked through in education to ensure equitable provision. Further work is needed to understand how awareness and attitudes can be influenced to improve this situation.

126. Reducing the Digital Divide **Group: Researcher**

STELLAR Delphi Study - research project proposals by the experts of the 4th STELLAR Delphi round for the Core Research Area *Reducing the Digital Divide*

Project_title

Student teacher: teaching the Grandma

Project_description

How can digital native educate digital immigrants in usage of modern IuK technology? And: is "Grandma" able to "learn to learn"

Project_partners

Computer Science -- esp. Game based Learning
Psychology -- esp. Ageing Science

Project_justification

societal: bringing generations together
technological: one solution fits all (adaptivity)
scientific relevance: long term empiricial studies about a) how teaching enhances learning (target: students), b) how elderlies can learn to learn again (target: elderlies), c) which software architectures can provide reusable techniques (target: comp- science research)

127. Reducing the Digital Divide **Group: Researcher**

Project_title

Marco Polo

.**Project_description**

"Silk road peace mission to the arabic world"
In order to remove the greatest tensions of todays world, for the peaceful future of our children, we propose a new branch of the ERASMUS Mundus project targeted to the arabic countries

Project_partners

-

Project_justification

128. Reducing the Digital Divide **Group: Researcher**

Project_title

Creating multicultural concept maps

Project_description

Developing a software that allows people geographically distributed around the wordl, speaking different languages with different characteristics (left-right, right-left, different letters and symbols,...) to work learning the same topic. Each patner will have his/her own cultural view over the same topic but all partners will collaborate creating the same conceptual map

Project_partners

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Project_justification

129. Reducing the Digital Divide **Group: Researcher**

Project_title

Investigating factors at play in the digital divide

Project_description

What factors affect how and why individuals use ICTs?

Project_partners

Schools
NGOs

Project_justification

130. Reducing the Digital Divide **Group: Researcher**

Project_title

Learners in Communities of Practice: Overcoming inequalities

Project_description

Can disadvantaged learners be supported and scaffolded to develop cultural and social capitals through development of their won communities of practice?
What are the best methodologies and aprpoaches to developing such interventions and co-development projects?
Drawing on theories and concepts from critical sociology, community participation and engagement and educational technology to develop interventions that explore whether contexts,m resources and practices can be developed, fostered and mobilised that will support disadvantaged groups and help them to develop the necessary critical and digital literacies and techno-dispositions that will empower them. Utilising co-design principles and drawing on practices and processes identified from asset based community development approaches to support learner led communities of practice focussed on their own needs and interests as learning resources and more durable networks of support and collaboration.

Project_partners

Brighton University, Bristol University, Nominet Trust, ...

Project_justification

Can we map out practices and approaches that are likely to support development of digital and critical literacies amongst learners so they can harness digital technoloies more effectively. Can this provide a blueprint for others to develop more empowering, dynamic, rich, meaningful and engaging activities

131. Reducing the Digital Divide **Group: Educator**

Project_title

Reducing the Digital Divide

Project_description

Will a self paced asynchronous computer literacy tutorial in a bilingual voice narrative increase student nurses NCLEX pass rates in under served under represented nursing student.
Will under represented minority nursing students who are provided a PC lap for use while enrolled in the School of Nursing have reduced attrition rates and reduced academic sanctions.

Project_partners

SUNY Stony Brook School of Nursing

Project_justification

Today's nurses must be possses computer literacy skills. In 2005 President Bush announced his goal was to build a national information infrastucture within the next 10 years. A survey conducted in 32006 found one quarter of the nations hospitals have instituted fully electronic medical records. It is essential nurses possess computer literacy skills to ensure safe patient care.
The intent of this project would be to provide minority students with basic computer literacy in order to:

1. Decrease attrition and academic sanctions in minority students
2. Increase minority student student NCLEX pass rates
3. Ensure a smooth transition into the clinical practice arena
4. Increase retention of minority nurses in the high hospital environment

A report released in 2008 by the US Department of Health and Human Services (2010) stated the nursing shortage could reach 500,000 by 2020. The need for competent nurses is great in order to provide safe quality health care. In order to provide safe quality heath care nurses must possess basic computer literacy skills. If we do not provide a means of increasing the retention of minority students in nursing schools, increasing NCELX pass rates and ensuring the nursing graduate posssess basic computer literacy skills to provide safe quality patient care in today's high tech hospital environment the health care crisis will implode.

132. Reducing the Digital Divide **Group: Educator**

Project_title

Using low-end, available technologies (e.g. cellphones) to support learning for marginalized populations.

Project_description

Marginalized communities (e.g. remote/rural communities in developing nations) often have less educational resources available even though they need them more in order to provide educational advantages for their children and citizens. How can accessible, maintainable, useable, available ICTs be used to fill in these instructional gaps and support their learning?

Project_partners

Cellphone companies, formal institutions of education, ministry of education, local community leaders in disenfranchised communities

Project_justification

In many parts of the world, smartphones, computers, and internet are not available or accessible. In addition training, technical support and other essential conditions for their effective use is non-existent. How can we use 'small' (appropriate) technologies for ICT4D?

133. Reducing the Digital Divide **Group: Educator**

Project_title

Identifying IT levels in developing countries

Project_description

What are the current IT situations in developing countries?

Project_partners

Educational institutions in developing countries.

Project_justification

Recent events in Egypt and middel east.

134. Reducing the Digital Divide **Group: Business Person**

Project_title

education anytime anywehere

Project_description

how to ensure that technology and geografical location are not a barrier?

Project_partners

telcos, EC, ICT industry, minister of educations

Project_justification

the overall society could benift from new model of education, which may not necessary imply having student in a class all day