

IAA Study Group Status Report

Responsible Commission: 2

Study Number and Title:

SG 2.8 : e-learning in Space Life Sciences

Short Study Description (repeat from Study Group Proposal):

The aims and objectives of the study group are linked with the expansion of educational activities related to a variety of scientific areas within space medicine (and science). The group created a site (collaborative site) and an open source educational environment. The final product will be a report composed of various steps/thematic areas of the study group. In the beginning, local hosting may be done at the Medical School of Aristotle University of Thessaloniki, Greece (hardware and software ready to go). A welcome page and then different courses may be chosen. Username and passwords can be set. Enrolment or free attendance may be enforced /allowed. The methodology to be followed is the following: Search literature and study relevant other reports to elicit a draft list of needs, Conduct an internet survey for space medicine education, create a study group web site, associated collaboration environment and e-learning environment, Implement pilot e-courses and relevant tutorials for educators, Turn digital material into SCORM compliant material, Experiment with Creative Commons, Upload on e-learning space, Experiment with their interaction friendliness and easiness to use and Fully report on each activity. Our target community is initially medical students, which can be extended in all science students, teachers, universities and medical colleges, medical associations and medical doctors, as well as researchers in space medicine, and space life sciences.

Progress in past six months:

Once feedback was received from our SG members, the survey was corrected and activated to receive input from the interested parties. Over the past six months the survey was disseminated to a few more participants and results reported in the previous semester report were updated.

The survey itself was divided in two parts:

SURVEY #1:

This was web based using the open source tool "Lime Survey" with the following address

<http://kedip.med.auth.gr/limesurvey/index.php?sid=45682&lang=en>

and SURVEY #2:

(it was similar to a "focus group" activity approach; as it had more open ended questions following a scenario each time). This extended the above questionnaire with a survey towards "copyright issues" (IPRs) and it was also web based (in LimeSurvey); access was provided by the following link:

<http://kedip.med.auth.gr/limesurvey/index.php?sid=49121&lang=en>

All answers by the target group participants, mostly Space Life Science professionals, were collected and fully analyzed. The final analysis report is going to be presented during the March 2012 Paris meeting. Our original intention was to submit a paper to a special issue of a Medline journal dedicated to the IAA co-sponsored conference of aerospace medicine in Thessaloniki, Greece, immediately after the October 2011 IAA meeting. However, as more data were needed in order to expand the surveys to more scientists in other sections as well, together with some internal issues regarding the special issue have delayed the submission process. Therefore, this 2nd paper of the study group is being finalized now.

Website Study Information up to date? (Study Group Membership, Study Plan and Schedule): See above

Issues requiring resolution? (recommend approach):

The 2nd paper, as well as, the position paper are being circulated to members of the study group for any further comments/input.

Product Deliveries on Schedule? (If modified explain rationale):

Our final product, a booklet with all the data analysis is due on March 2012 (soon after the Paris meeting). No further delays are envisaged. A snapshot of this is attached next the link of this summary report.

Study Team Member Changes?

none

Name of person providing Study Group Status (Study Group Chair or Co-Chair):

P. Bamidis, Chrysoula Kourtidou - Papadeli

Status Report Date: 05/03/2012