

ISTeC Executive Committee meeting

Minutes

Wednesday, December 14, 2005

1 – 2 pm in Engr C101B

Attending:

H.J. Siegel, Pete Seel, Michael De Miranda, Pat Burns, Pam Jones, Sanjay Rajopadhye, Denis Dean

Agenda:

1. Senior survey – Pete

Survey close to being finished. Goal is to get to Human Subjects (Regulatory Compliance) by January for approval so surveys can be given in February. Jamie Switzer and Karen Kaminsky will be spearheading in Pete Seel's absence. Mike Hanna and Gene Lewis will administer the hands-on portion of the test in their lab using SAMS (sponsor).

2. Honors challenge project

It has been brought to the attention of the EAC that there are students of exceptional caliber that have enrolled in the CS department and Wim Bohm has asked if ISTE C could create some kind of challenge for these students so that they stay at CSU.

The idea of an interdisciplinary "challenge" competition was suggested (see attached). The possibility of creating an ISTE C Interdisciplinary Honors program was also suggested. Michael De Miranda will contact Bob Keller of the CSU Honors program to invite him to the February EAC meeting to discuss this idea.

3. BS ACT concentration for teachers

This degree program through Computer Science and Education is waiting on CCHE approval.

4. Programming contest for high school students

Wim Bohm has stepped up and will coordinate some kind of contest yet to be determined. Michael De Miranda has been contacted by a group called JETS (Junior Engineering and Technology Students) which coordinates functions like this. Pam Jones was asked to make initial contacts with this group to find out about cost, corporate involvement and other issues.

5. IS&T Lunch Forum

RAC proceeding with ideas about this.

6. Faculty interests database

a. General RAC consensus is that a database tool that is manually updated is not capable of keeping information current enough.

b. Why do researchers want to use this?

c. MaryAnn Stroub indicates that the database is currently capable of displaying all information. Updating tool is not working properly so records have had to be entered by hand. Pete Seel will try to identify a student who could be paid to get the tool up and working.

d. Sanjay Rajopadhye, H.J. Siegel, Dawn Bastian, and MaryAnn Stroub will meet to confirm the design specifications.

7. ISTE C pre-reviews for CIT

10 proposals have been submitted and reviewed

Next ISTE C Executive Committee meeting will be Wednesday, Jan 18, 2006 1 – 2 pm in Engr C101B.

“The Z Games” Challenge

Problem statement – Our best and brightest students in IS&T at CSU are often not challenged enough in their coursework, and need additional practice in working in interdisciplinary teams to solve challenging problems.

Possible solution -- Define a student “Challenge” program at CSU as an ISTE C honors project:

- **Wim Bohm suggested in the December EAC meeting that we need to challenge our best and brightest students**
- **Make interdisciplinary problem-solving part of the process, including writing**
- **Investigate possible IT company sponsorship (IBM, HP?)**
- **Working title might be “The (Your Company Name Here) Z Games Challenge”**
- **Sponsor would assist in defining the challenge exercise**
- **Once presented, students would have TWO weeks to solve the challenge**
- **Investigate involving honors students at other universities to replicate global team environment**

Possible model to emulate– Price Waterhouse’s challenge program at the University of Oregon (from Pat Pellicane’s daughter)

Questions:

Is this a good idea?

What would it take to make this happen once a year?

Who are possible IT sponsors?

What are possible challenge ideas?

How can we make the challenges interdisciplinary?

How would we select the teams?

How many students per team?

Can we create international teams?

What would be role of IS&T faculty? Advising only? Coaching?

What are rewards for participation?

Should we limit to first year and sophomore students? (to prevent confusion with senior design projects)