

ISTeC Education Advisory Committee

February 4, 2011

Attendees: Siegel, Folkestad, Pasricha, Cranston, De Miranda Fassnacht, Seel, Gilkey, Kaminski, Luo, Beveridge. Oprea, Chong, Plotnicki, Hunter

Visitors: Dave Linehan (PSD Blevins MS), Tom Siller (CSU STEM Director), Scott Nielsen (Preston Middle School Principal), Glenn Pfifer (JTC)

Agenda items:

1. STEM Middle School Alliance
 - a) David Linehan (Poudre School District Blevins Middle School Principal), Scott Nielsen (Preston Middle School Principal)
 - b) Discussion about possible areas that CSU/PSD may be able to create alliances
 - c) Possible involvement in their STEM summer camp?
2. EAC IT course subcommittee report
 - a) Fassnacht, Cranston, Beveridge, (Jim Graham, Candace Ryder)
 - b) Proposal of items that need to be taught across campus:
 - i) Where does the information live
 - ii) Searching
 - iii) Creating and formatting documents
 - iv) Creating and formatting presentations
 - v) Personal and professional on web
 - vi) Creating and formatting tabular data
 - vii) Interpreting data
 - c) Segue of these committee members to address #1
 - d) Will take these findings to the ISTE C Executive Committee to determine future process for moving forward with these topics
3. FutureVisions Spring 2012
 - a) April 2012
 - b) pool of topics:
 - i) Future of Free
 - c) Mobile computing
 - d) Social Networks - Personal and professional on the web – future
 - e) Bio computing
 - f) 3-D on mobile
 - g) Digital future of learning
 - h) Define topics based on survey of students
 - i) Lock in tracks by FA11 IAC meeting
4. Podcast/Videos: topics and CSU personnel
 - a) Student producer (Glenn Pfifer, JTC) has been recruited
 - i) ECE – Sudeep Pasricha
 - ii) Vet Med - David Gilkey
 - iii) CS - Beveridge
5. Bridges proposal
 - a) Kaminski verified that funding for this proposal was not received
 - b) Will work with ColoSTEM Center to help with future proposals
 - c) Will work with PSD to also help with the process
6. EAC Webpages subcommittee report
 - a) Reviewed EAC pages on ISTE C website and have made recommendations (attached)
 - b) Nancy will show their evaluation to the RAC

7. Spring IAC meeting agenda – April 27, Level3
8. ColoSTEM – Tom Siller/Karen/Pete (5 minutes)
 - a) Help facilitate and coordinate outreach at GK-12 from CSU
 - b) Help facilitate and coordinate outreach at GK-12 transforming STEM education (all levels)
 - c) Evaluation services – partnering for proposals?
 - d) CSU at table when meetings are going on at state and national levels regarding STEM education
 - e) Tom will follow-up with Linehan and Nielsen

March 4th (1:00 – 1:50)

April 1st (1:00 – 1:50)

May 6th (1:00 – 1:50)

Future items:

- <lynda.com> marketing – Pete
- EAC High School Days subcommittee – Michael
- EAC Methods for IAC involvement in Class Lectures – Steven

Report of the ISTeC EAC Webpages Subcommittee

The Subcommittee has reviewed the ISTeC EAC Webpages and has the following recommendations.

The mission page (EAC main page) should have a set of pictures that would change when the screen is refreshed or revisited. The pictures could be from our various activities such as Future Visions, High School Day, etc. Alternately, we could have pictures of our EAC group on the mission page and put pictures of activities on the Activities page.

On the Activities page, include only links to the main activities, with a brief description underneath:

Building Bridges for Educational Excellence

Enhance P-20 education in Fort Collins by creating active collaboration between Poudre School District (PSD) teachers, faculty/staff at Colorado State University, community members and government agencies.

Future Visions IS&T Symposium [is there a space between or not—posters have a space]

This full day conference, held on the CSU campus, features academic and corporate guest speakers who are experts in their fields. CSU student participants learn about the future state of IS&T focusing on topics proposed by faculty and students.

Inspire to Innovate Scholarship

A scholarship to encourage incoming freshmen with an interest and commitment to science and technology to pursue degrees in defined programs at Colorado State.

ISP (Minor) in IS&T for Undergraduates

Interdisciplinary studies program (minor) for students to develop, and document on their transcripts, a broad foundation in IS&T [need better description]

IS&T High School Day at CSU

To aid in the recruitment of IS&T majors, the ISTeC Education Advisory Committee holds an annual program for high school counselors and students.

Additional ISTec EAC Activities

Other EAC activities from past years.

This would tidy up this page and allow room for pictures at the bottom (see first suggestion). The titles will be hyperlinks to another page that would list, for example, the 7 High School Day events.

Remove the descriptions of two grants from 2003 that were not funded.

The two Future Vision links are just to the poster. I think we should list the program under that link. We could also, where we have them, link to PowerPoints or videorecordings (did we do videorecordings of the keynote speakers?). Nancy and John asked two presenters from the 2010 Future Vision (session on cloud computing) if we could put their presentations in the CSU Institutional Repository. They agreed, and although the presentations are not yet in the IR, Nancy is working on that (need written permission) and we could make the title of their talks hyperlinks into the PDF of their PowerPoints.

The Inspire to Innovate Scholarship page is missing Willaim Bone's application/statement that got him the scholarship in 2009. Were there any 2010 winners? Should also have procedures on when/how to apply for the scholarship. List the amount of money given to each winner (varies, I know). Do these awards come from work with the IAC? If so, shouldn't they be acknowledged?

The hyperlink for ISP (Minor) in IS&T for Undergraduates is broken and/or goes to a part of the server I do not have permission to see.

IS&T High School Day at CSU: The hyperlink goes to a page that generally describes High School Day. The actual program is linked off the registration page. The hyperlink should go to a page that lists the years (as described above) and each of those entries should include a link to the program for that year. There should also be a link to this year's registration process (when it's ready).

The members page should have links to the members home pages (if they have them), and maybe a picture of each member in case someone forgets a person's name. Also, e-mail addresses as presented on the members page are highly likely to be picked up by spammers. There are better ways to present the e-mail address, e.g. have an 'e-mail' link that links to the e-mail address.