

**ISTeC Education Advisory Committee**  
**Minutes**  
**August 28, 2009**

Attendees: Siegel, Ben-Hur, Pasricha, Fassnacht, Gilkey, Kaminski, Levinger, Cranston, Seel, Folkestad, Plotnicki, Oprea

Visitor: De Miranda

1. Mesa / High School Day
  - a. October 15, 16 2009
  - b. De Miranda, Stroub discussed status of current plans. Contests and Demos were defined and assignments made for completion and verifications.
2. Bridges
  - a. 6<sup>th</sup> grade curriculum implemented (see attached spreadsheet)
  - b. Additional grades being defined for addition in future years
  - c. Will start to define metric collection for analysis
  - d. Kaminski will develop 'Bridges' mailing list
  - e. Could use volunteers in the classroom
3. FutureVisions planning
  - a. Program firming up (see attached spreadsheet)
  - b. Friday, March12, 2010
  - c. Present at FA09 IAC
4. ISTE C EAC Scholarship
  - a. 2009-2010 recipients selected
  - b. Future status of fund raising in question
    - HJ will contact Su Hawk at CSIA to see if they are going to continue funding or if we will have to suspend the scholarship for this year
  - c. Need to determine status before Oct 1 when scholarship tool goes online

|                |                                    |
|----------------|------------------------------------|
| <b>Sept 11</b> | 1-2 pm, <b>EAC meeting</b> , CS305 |
| <b>Oct 2</b>   | 1-2 pm, <b>EAC meeting</b> , CS305 |
| <b>Nov 6</b>   | 1-2 pm, <b>EAC meeting</b> , CS305 |
| <b>Dec 4</b>   | 1-2 pm, <b>EAC meeting</b> , CS305 |

# PSD Middle School Computer Education Modules *revised August 28, 2009*

Proposed Modules for revised required 6<sup>th</sup> Grade Computer Education Course (9 weeks) and Grade 7 class

| <b>Modules</b><br>note -- all software titles are <b>suggestions (listed as sugg:)</b>   | <b>CSU EAC and RAC –</b><br><br><b>Karen and Pete – Coor.</b>  | <b>PSD Teachers and Staff</b><br><br><b>Carol and Ben – Coor.</b> | <b>Actual module in 6<sup>th</sup> or 7<sup>th</sup> grade curriculum</b> |
|--|--|---|---|
| <b>Module 1: Internet Safety and Digital Citizenship/Class Intro</b><br>Privacy<br>Awareness and personal responsibility<br>Social networking -- pros and cons<br>Sugg: cybersmart curriculum<br><b>1 week</b> | Lucy Troup, Psychology (RAC)<br><a href="mailto:lucy.troup@colostate.edu">lucy.troup@colostate.edu</a><br>Jeff Bullington, Morgan Library<br>(social networking)<br><a href="mailto:jeff.bullington@colostate.edu">jeff.bullington@colostate.edu</a> |   | 6 – module 1  |
| <b>Module 2: Social Learning Tools</b><br>Blogs: individual blogging<br>Wikis: for entire class<br>Sugg: <i>Delicious</i> : On-line favorites, tagging, pb wiki, blogger, epals                                | Jim Folkestad, School of Education<br><a href="mailto:jim.folkestad@colostate.edu">jim.folkestad@colostate.edu</a>   | Megan Benedict, Wellington MS                                     | 6 – module 9  |
| <b>Module 3: Google Docs</b><br><i>Word Processing</i><br><i>Spreadsheets</i><br><i>Presentation App</i><br><b>2 weeks</b>   |  | Ben/Carol   | 6 – module 4<br>7 – module 3  |
| <b>Module 4: Digital Photography</b><br>Equipment tutorial<br>Photo Composition<br>Editing images ( <i>Befunky</i> or <i>Picnik</i> )<br>Uploading images (sugg: <i>Gimp</i> )<br><b>1 week</b>                | Pete Seel, Journalism & TC<br><a href="mailto:pete.seel@colostate.edu">pete.seel@colostate.edu</a>   | Shelley Clerkin, Lincoln MS<br>Dawn Lauterbach, Blevins MS        | 6 – module 3  |
| <b>Module 5: Introduction to Programming</b><br>Yoyo Games<br>Sugg: <i>Python</i> for grade 7<br><br><b>2 weeks</b>  | H.J. Siegel, ECE<br><a href="mailto:hj@colostate.edu">hj@colostate.edu</a><br>Chuck Anderson<br><a href="mailto:chuck.anderson@colostate.edu">chuck.anderson@colostate.edu</a><br>Computer Science   | Scott Durkin, Preston MS  | 6 – module 2<br>7 – module 1  |
| <b>Module 6: Web Site Design</b><br>Use of Web 2.0 tools/templates -- see  | Rosa Martey, Journalism & TC<br><a href="mailto:rosa.martey@colostate.edu">rosa.martey@colostate.edu</a>   | June Galvin, Boltz MS<br>Ted Lawrence, Kinard MS                  | 7 – module 3  |

|   |   |                         |                                     |
|---|---|-------------------------|-------------------------------------|
| (www.porteus.com)<br>Writing for the Web<br>Web images<br>Sugg: <i>Google Sites, Weebly</i><br><b>2 weeks</b>   |   |                         |                                     |
| <b>Module 7: Digital Video Production</b><br>Storyboarding and videography<br>Motion media grammar<br>Video editing – Sugg: <i>iMovie/ Movie Maker, cybersmart</i> Uploading<br><b>1 week</b> | Jamie Switzer, JTC<br><a href="mailto:jamie.switzer@colostate.edu">jamie.switzer@colostate.edu</a><br><br>and Pete Seel, JTC  | Sally Thomas, Webber MS | 6 – module 1<br>7 – module 2        |
| <b>Module 8: Online Research and Using Online Databases</b><br>Locating and evaluating online sources<br>Sugg: Gale, Ebsco, ABC, Clio   | Cathy Cranston, Morgan Library<br><a href="mailto:cathy.cranston@colostate.edu">cathy.cranston@colostate.edu</a><br>Nancy Levinger, Chemistry<br><a href="mailto:nancy.levinger@colostate.edu">nancy.levinger@colostate.edu</a> |                         | 6 – module 8                        |
| <b>Module 9: Data Analysis</b><br>Spreadsheets<br>Visualizing data in charts and graphs<br>Sugg: Google docs, excel   | John Plotnicki, Computer Information Systems<br><a href="mailto:john.plotnicki@colostate.edu">john.plotnicki@colostate.edu</a>  |                         | 6 – module 7<br>7 – modules 3 and 6 |
| <b>Module 10: Google Earth and GPS</b><br>3D modeling<br>Sugg: <i>Sketch-up, Google Earth, GIS— one week of each app??</i>  | Karen Kaminski<br><a href="mailto:Karen.Kaminski@colostate.edu">Karen.Kaminski@colostate.edu</a>  | Becky Knips, Leshner MS | 6 – module 5<br>7 – module 4        |

**7<sup>th</sup> Grade: 18 weeks:** Computer Game Programming/Modification (expand on the content outlined above)

This course **is an elective option.** Goal -- create innovative content to boost enrollment.

# Proposed FutureVisions Symposium breakout sessions

(event date is **Friday, March 12, 2010** in the Lory Student Center)

(revised 24 August 09)

## Pick any THREE:

| <b>3 tracks with 3 sessions in each track</b>    | <b>The Future of Cloud Computing</b><br>New Track for 2010   | <b>The Future of Computer Security</b><br>OR....   | <b>The Future of Human-Computer Interface (or Interaction)</b><br>New Track for 2010   | <b>The Future of Games</b><br>New Track for 2010   |
|--|--|--|--|--|
| Organizers in 2010:<br><br>(and 2007 organizers) | John Plotnicki<br>Chuck Anderson – link to CS<br>Shrdeep Pallickara – new CS faculty member –summer 09<br><u>From IAC:</u><br>Ken Joel<br>Bob Marcus | Dan Massey<br>Indrajit Ray<br>Edwin Chong – ex officio<br>(In 2007 was Edwin Chong and Aram Ossorio (HP))<br><u>From IAC:</u>  | Chuck Anderson<br>Rosa Martey<br>Lucy Troup – RAC co-chair (Psychology)<br><u>From IAC:</u>  | Nancy Levinger<br>Rocky Luo<br>Cathy Cranston – WoW & SL<br>Edwin Chong<br>Sudeep Pasricha<br><u>From IAC:</u>     |
| <b>Session A – 10 a.m.</b>                       | IT Management of CC panel<br>Suggested by Ken Joel - Rogue<br><u>Topics:</u><br>Benefits<br>Security issues<br>Private/Private issues                | Panel on Computer Security<br>_____<br>_____<br>_____<br>(In 2007 was Indrajit Ray, Dan Massey, and eSoft speaker)   | Brain Control of Devices<br><br>Brain-operated wheelchair --<br>Chuck Anderson<br>Need one other speaker:<br>_____   | Games: Past, Present, and Future Panel (3-4 speakers)<br>_____<br>_____<br>_____                                   |
| <b>Session B – 11 a.m.</b>                       | CC infrastructure (software as service) (Denny Georg)<br>Rep from Google<br><br>Rep from Amazon<br><br>Rep on MS Azure                               | “Botnets and Crimeware - The Future of Hacking as a Criminal Enterprise”<br>Dr. Michael J. Staggs –<br><br>(could not attend in 2007 due to illness – re-invite – lives in Colorado Springs) | Agent Technology:<br><br>In mass communication<br>_____<br><br>In research<br>_____<br><br>With the handicapped<br>_____   | Games and Social Networks (2 speakers)<br>SL or World of Warcraft expert?<br>_____<br>and Kurt Squire (UW-Madison) |
| <b>Session C – 2 p.m.</b>                        | Need third topic on Cloud Computing<br>Grid Computing?<br><br>Single speaker or panel?   | 2010 -- The Future of Cybercrime<br>FBI Special Agent Joseph C. Schwecke (if available)<br>(In 2007 was Special Agent Schwecke on “The Future of Cybercrime”                                 | Other options (from Chuck Anderson):<br>- latest in speech recognition<br>- latest in speech production<br>- latest in showing emotion in artificial avatars (faces) or robots | The Future of Game Design (2 speakers)<br>ASU speaker<br>_____<br>and<br>_____?                                    |

IAC volunteers – Rusty Searle, Scott Cravens, Henry Detmer, and Todd Hansel

## **Key Committees:**

**Marketing and Promotion** – task: market and promote the symposium

Cathy Cranston, Morgan Library -- chair  
Juliana Oprea, Math  
David Gilkey, CVMBS  
Lucinda Van Inwagen, Career Center

**Keynote Speaker Committee** – task: identify and book three keynote speakers

Jim Folkestad, Education – co-chair  
Steven Fassnacht, DFRWS – co-chair  
Pete Seel, JTC  
H.J. Siegel -- Ex Officio

**Sponsorship Committee** – task: commit 10-12 sponsors for the event at \$1,000 each  
(may be a problem given hassles with funding High School Day OR two sponsors at \$5,000 each? OR four at \$3,000?)

H.J. Siegel -- chair  
Karen Kaminski, Education  
Kellie Enns, Ag Econ  
David Graves, IAC

**Executive Committee** – task: overall event planning

Pete Seel-- chair  
H.J. Siegel  
Cathy Cranston  
Sudeep Pasricha, ECE  
MaryAnn Stroub, ISTE C

