

**APPD Learning Technology Task Force**  
**APPD Spring 2003 Meeting**  
**5/1/03**  
**Seattle WA**

**Members:**

Tom Courtney	Children's Hospital of the Kings Daughters
Joel Forman	Mount Sinai School of Medicine
Patricia Hicks	Children's Medical Center of Dallas
Mona Jabbour	Children's Hospital of Eastern Ontario
David T Price	East Tennessee State University
Dave Rich	Children's Hospital/The Ohio State University
Ayman Saleh	Western Reserve Care System/NEOUCOM
Emmett V Schmidt	Massachusetts General Hospital
Theodore C Sectish	Stanford University
Gary D Williams	Cleveland Clinic Foundation Program
John D Mahan (Chair)	Children's Hospital/The Ohio State University

**Attendees:** Patricia Hicks, Theodore C Sectish, Gary D Williams, Ernie Guzman, Catherine Haas, Meera Siddharth, Angel Rios, Sharon Reesen, John D Mahan

**Agenda:**

- **Review Strategic Plan as it relates to Learning Technology Task Force**  
The group reviewed the Strategic Plan as it relates to LT. There were no substantial concerns about the mandate or the strategies outlined in the plan.
- **Review progress with APPD Member Survey and queries of LT data**  
The group reviewed the data from the APPD 2003 PD survey. Several members complained about the “clunkiness” of the survey and the frustrations with completing the entire form. In some cases members were concerned about being forced to answer questions that did not apply to be able to complete the sections. The need for a password to return to finish the form also complicated completion. LT data was available in some form for 83 programs. It was not clear whether the 83 completed sections represented 83 programs or 83 PD's.

The group then reviewed specific concerns about questions in the LT section.

- ◆ Question 2 – should be re-written to: Would you like to begin or add PDA uses to your program; what would you like to use or add?
- ◆ Add question about whether institution will allow PDA use with patient information; if HIPPA issues are a concern in your institution and what are the concerns
- ◆ Add patient simulator and procedure models to LT charts (Q3 and 16)
- ◆ Question 5: should give 0-1 option

Other issues that the group identified for consideration:

- ◆ What is being done in terms of curriculum delivery and evaluations based on ACGME core competencies?
- ◆ What education management systems are in use? What is the experience?

Loma Linda is doing curriculum and questions re: professionalism and PB learning developed by institution; residents are spending 1-1.5 hr/wk on own time at hospital to complete modules.

Dallas uses Angel system to upload talks for resident use; each talk includes 15 minutes for quiz questions on the topic material.

Blackboard and Angel (cyberlearninglabs.com) are commercially available curriculum management systems.

- ◆ Some programs and institutions are developing system wide evaluation tools. What is the experience with these systems (often lumping pediatrics with other programs)?
  - ◆ What successful evaluation tools are being used by programs?
  - ◆ What are the specific LT products being used by programs?
  - ◆ Joining forces with COMSEP, AAP, AMPSDEC and APDIM for demonstrations by vendors makes great sense for the APPD!
  - ◆ Can we ask more detailed questions about what type of LT products PD's would like to use?
  - ◆ Can we identify programs with high penetration of LT use and ask them to be a focus group (via e-mail or calls) to address what presently works and what should be developed?
- **Discuss standard format and forum for vendors to display LT products at APPD meetings**  
Having the APPD facilitate vendor demonstrations were strongly endorsed by the group. The products should be diverse and include anything involved with resident education and program administration. Products that promote the use of a specific medication, formula or therapy should not be permitted. There was great enthusiasm to do presentations at the upcoming Fall and Spring meetings and assess the impact and response. Will need to work on identifying specific vendors to invite to vendor show. Can look via Google and use LT survey information.
- **Discuss Web bases listing and evaluation of most useful LT products (as defined by members)**  
The group thought that APPD site listing of LT products would be a great help to PD's and coordinators! Should look at how learning management systems are now listed on Web (use Google). Should list "pluses and minuses" of products. For each product should be listed:
    - ◆ Name of product and source (commercial, local produced)
    - ◆ Name of PD/coordinator and program
    - ◆ Rating on 0-5 scale
    - ◆ 1-3 sentences describing some aspect of product
- **Next steps?**
    - Conference calls – Could be used to discuss LT survey analysis, APPD Web site LT listing and vendors for vendor show
    - Frequency – as needed but should be done at least once a year to keep up progress on TF
    - Report (manuscript?) of APPD LT use – interest but will need to see data
    - Meet again at Fall Meeting? – only if sufficient numbers of TF members attend

# **APPD Strategic Plan**

## **Investment in Technology**

### **Goal 1: Maximize the use of technologic advances to support graduate medical education.**

#### **Objectives:**

1. Identify and evaluate emerging technologies that have the potential to positively impact graduate medical education

#### **Strategies:**

1. Utilize the expertise of the technology task force in identifying useful techniques and products (Spring 03)
2. Solicit feedback from the membership as to products/services that they find most useful (Spring 03)
2. Create a forum at regional and national meetings for demonstration and evaluation of suggested products

#### **Strategies:**

1. Develop a standard format and forum to display products that may be of Interest (Spring 04)
2. Develop a formal mechanism for evaluation of products used in pilot demonstrations (Spring 04)
3. Develop the capacity to serve APPD membership using web-based technology

#### **Strategies:**

1. Enlist the expertise of a web consultant to help with development process (Spring 03)
2. Create a formal mechanism/criteria for review of surveys that will be disseminated to the membership via this venue (Spring 04)
4. Create a Technology Assessment Center within the APPD with expertise of our membership (Spring 04)

### **Goal 2: Develop a mechanism for dissemination of identified “best practice models” to the membership**

#### **Objectives:**

1. Create a format and forum for faculty development in product use

#### **Strategies:**

1. Reserve time at the annual meeting for a faculty development workshop devoted to technology (Spring 03)
2. Utilize the expertise of the faculty development task force to create a process for maximizing the efficacy and efficiency of content delivery (Spring 03)
2. Develop a segment of the website for technologic updates

#### **Strategies:**

1. Assign responsibility for development of this resource to the technology task force (Spring 03)
2. Designate a periodicity schedule to insure ongoing and timely updates (Spring 03)
3. Investigate feasibility of webmaster (Fall 03)

## APPD Member Survey

192 members started survey

139 PD's of 201 programs completed some part of survey (205 total programs)

### Learning Technology Section - Data

	Yes	No
<b>Program PDA Use</b>	<b>64</b>	<b>19</b>

	Palm	Other	Any
<b>Type PDA in Use in Program</b>	<b>19</b>	<b>12</b>	<b>13</b>

	Yes
<b>Purchased by Program</b>	<b>27</b>
<b>Purchased by Resident</b>	<b>37</b>

	Yes	No
<b>PDA Required by Program</b>	<b>31</b>	<b>14</b>

	Yes	No
<b>Would you like to incorporate PDA Use into your Program</b>	<b>69</b>	<b>14</b>