

**Computer Special Interest Group
March 21, 2003**

Debra Lafferty – Convener
Joel Gordon – Recorder

Individual Medical Schools indicating use of computer technology for instruction and assessment:

Debra Lafferty: Mayo Medical School

- 1) Mayo Medical School
 - Web CT
 - Described initiatives
 - Plug ins used at the MMS
 - Class related material (mostly) on student laptops
 - Increasing wireless capabilities of more of their classrooms
- 2) Revamping evaluations and critiques
 - “Data Harbor” – Internal Med had problems

University of Illinois – COM

On line instructional programs
Variety of platforms

Terri Cameron – SIU

- 1) Web CT
- 2) Quest for perfect assessment
- 3) “New Innovations” out of Ohio
- 4) Residency programs

COM Peoria

M-2 basic science courses
Course evaluations – “Blackboard”
PDA – requirement for 1st year students
Wants to learn CurrMit

MSU

Chris Reznich-MSU

- 1) Annual Seminar Series
 - Tech & support of academic productivity
 - EndNote
 - Power Point
 - Presentation posters for meetings
- 2) Clinicians
 - PDA’s – clinical support
- 3) Editing video colleagues

Year 2 – PBL fully technologically equipped
Good labs – no requirement to purchase their own laptops
Requirement to have access to or have purchased a computer

Curriculum

Kathy Lovell-MSU

1) Clinical Skills

- a) Video tapes for PE elements – on CD-ROM as well
- b) Lectures on digital tapes – on WWW download to MP-3
- c) Blackboard – Years 1-2; University is planning to change to Angel
- d) LOI – “Kappa” for testing
 - Questions
 - Homework parameters
 - LON Copa – Course Management System
- e) Evaluations
 - Web based
 - Clerkships – Commercial product going college wide
- f) DxR cases
- g) Practice – EMR System – adopt for education in curriculum – get more education benefit
- h) Pilot projects in Year 4: Faculty don’t know how to use EMR

Wisconsin

1) Moving into a new facility

- a) Wireless
- b) PDA initiatives
- c) Web CT – change to “Desire to Learn” – sharing components in courses
- d) PDA initiative – tie in with “DTL”
- e) “OASIS” – remind and organizational software

University of Iowa

Marian Schwabbauer

- 1) MERF computer classroom, where today’s session is being held today
 - Computer classroom vs. testing facility
 - Students have computer related activities nearly every day
- 2) Laptops
 - Wired for every 2nd seat
 - “Make them hot”
- 3) Laptop
 - a) Struggling to decide whether to require them or make them optional and whether to use them for instruction, assessment, or both
- 4) Clinical suites in this building
 - a) Video – Performance based assessment using standardized patients – digitized – Review – Self-assess or faculty assess

Tom Schmidt – University of Iowa

Described U of I testing programs here at U of I in HOS

Histology – computerized with super lists

Joel Gordon- University of Iowa

Described various instructional and assessment programs used at the University of Iowa including:

TestWare and ItemBanker
ClinicSoft

Described how these have been used at Iowa for the last 4-5 years and the great success that he has had in using these programs.

Scott Elliott: University of Iowa

Merge – content – computer – create products for instruction, assessment, and evaluation

Self-assessment

Testing

Described testing software: TestWare

Item banker – data base management software.

Multiple services – security

Delivering multiple exams

Download testing material for demonstration

Assessment strategies

Clinic Soft

Train faculty to do their own

Apply for internal grants

Spirituality and Healing – University of Minnesota

1) On-line Resource Center

Variety of resources

Reference list

On-line self-study

 Dream Weaver – video modeling – games

Developing case scenarios into learning scenarios

Develop a library

Iowa Geriatric Center

On-line resources – CME – geriatrics

Rural physicians

Geriatric CR – digitizing and putting out

Simulated patient care – quick time file

Flash – final out – quick time file

Creighton University

Doubled staff

On-line exams

 24 station – written – bubble sheet, practical – computer

Moving to a 50 seat station

Moving to all on-line test
LXR – for bubble and computer storing
Prepare for Step 1
LXR – integrates both bubble
GME – commercial software to assess resident performance
Wireless – looking a products
Dept of Med – PDA – hosp vs. depts.
Base UME with what GME facilities in hospital
Horizontal and vertical integration

Tufts' University - HSDB – Health Sciences Data Base
Curriculum material

UCSF

On-line assessment in radiology
Migration from PDAs to tablets
Item banks – merge with commercially available testing modules
Exam Master – very expensive, licensing issues?

Washington University – St. Louis

Quick Place: – anatomy
Video streaming – medical procedures

Other reports:

Univ. of Cincinnati – all digital
8 room suite – busy – adding 6 additional rooms
Digital files – interested in digital
PDA – “Pen-Dragon” – staying within HIPPA rules and regulations
“New Innovations – Full Encryption”
Wants to go wireless
2007 – own PDA – Pen Dragon – Palm OS
Computer Lab – always congested with students
Students – entering with laptops
Education Technology Session – 1 time/month
EMR – 20 years projects; hospitals went separate ways – can't talk to each other

Respectfully submitted:

Joel A. Gordon MD
Recorder for Computer SIG
2003 CGEA Meeting
University of Iowa College of Medicine
3/21/03