Coppin State University
Office of the Provost/Vice President for Academic Affairs
& the Office of Information Technology

Information Technology in Teaching and Learning Conference

May 25, 2006
9:30 a.m. – 4:00 p.m.
CSU New Dining Hall – 2nd Floor

2006 Conference

From Vision to Reality:
Leadership in Information Technology in Teaching and Learning
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Keynote Speaker

Designs for Learning to Meet 21st Century Expectations

Alma R. Clayton-Pedersen is Vice President for Education and Institutional Renewal at the Association of American Colleges & Universities (AAC&U).

She is Co-director of AAC&U’s Network for Academic Renewal (a series of working conferences), and director of the Greater Expectations Institute as well as several grant-funded projects that focus on organizational learning and sustaining change efforts. Dr. Clayton-Pedersen is a national leader on issues of institutional change, particularly collaborative leadership, student preparedness for college level work, persistence, and success, and linking diversity and academic excellence. She is co-author of Enacting Diverse Learning Environments: Improving the Climate for Racial/Ethnic Diversity in Higher Education, which provides a framework of the dimensions of campus climate and illustrations of promising practices to enhance the climate for diversity.

She has fifteen years of campus-based experience, including directing a significant number of studies on student engagement and retention, and campus services. Her consulting expertise is on collaboration, diversity, success of underrepresented students, policy, organizational learning, and program development and evaluation. Clayton-Pedersen received a B.S. from UW-Milwaukee in community education, and both the M.Ed. in human development counseling and the Ph.D. in public policy from Vanderbilt.
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<td>Elias Taylor &amp; Emmanuel Anoruo</td>
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<td>11:00 a.m.-11:20 a.m.</td>
<td>Tegrity: Assignment Development, Integration of Power Point, and Evaluating Students' Progress</td>
<td>Tina Reinckens</td>
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<td>11:00 a.m.-11:20 a.m.</td>
<td>Using the Track Changes Tool to Support Online Learning</td>
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<td>11:30 a.m.-11:50 a.m.</td>
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<td>Emmanuel Anoruo, Habtu Braha, Rolande Murray</td>
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<td>Delores Harvey &amp; Glynis Barber</td>
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<td>Retaining and Assisting Nontraditional Nursing Students in a Baccalaureate Nursing Program Utilizing Bb &amp; Tegrity</td>
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<td>Stay in the Game but Change Your Game Plan</td>
<td>Delores S. Smith</td>
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<td>01:00 p.m.-01:20 p.m.</td>
<td>Setting up a Web Site on faculty.coppin.edu</td>
<td>Edward Sommerfeldt</td>
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<td>Using Blackboard, Tegrity and the Internet to Remediate Essential Content in Nursing</td>
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<td>The Use of Technology in Simulating Clinical Learning Experiences</td>
<td>Lucille Belgrave &amp; Mildred Yarborough</td>
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<td>Tegrity: A Good Container for a Mathematics Lecture Using the PC Tablet</td>
<td>Sean Brooks</td>
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<td>Developing a Departmental Online Learning Plan</td>
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<td>03:00 p.m.-03:20 p.m.</td>
<td>Nursing Faculty Utilization of Instructional Technology &amp; Factors</td>
<td>T. Murray, Belgrave, Robinson</td>
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**Faculty Presentations**

11:00 a.m. – 11:20 a.m.

**Statistical Analysis via Minitab**  
_Elias Taylor & Emmanuel Anorou_

Faculty members from FIST (Faculty-wide Institute for Statistical Training) will demonstrate the mechanics of operating Minitab (Statistical Package for Behavioral Sciences and Economics). The presentation will include basic statistical concepts, the logic and screen format, data entry, graphs, and various descriptive and inferential applications using Minitab. This presentation is in response to the needs faculty and administrators have in learning and utilizing these skills in research projects.

**Tegrity: Assignment Development, Integration of PowerPoint, and Evaluating Students’ Progress**  
_Tina Reinckens_

This presentation will include a discussion of the development of the 11 assignments for this course, the taping of the brief Tegrity recording to introduce each assignment, the integration of PowerPoint presentations, and the modes of evaluating student progress throughout the course. Also presented are the students’ feedback and evaluation of this course as well as problems and pitfalls encountered and areas that will be improved upon in future semesters.

**Illustrating Public Key Cryptography Using Maple**  
_Nicholas Eugene_

In Discrete Math I, RSA Public Key is studied, and I will show how Maple can be used to illustrate the idea of Public Key Cryptography.

**Using the Track Changes Tool to Support Online Learning**  
_Juanita Ashby-Bey_

The “Track Changes” feature in Microsoft Word is an effective tool for grading students work, editing throughout the writing process, or for students who are participating in group work while enrolled in fully or partially online courses. This feature can be used by faculty members but students can also be trained to this feature. “Track Changes” will allow faculty and students to insert comments, both textual and audio, into electronically processed documents, as well as edit, view, and delete comments. We will demonstrate the benefits of
Blackboard possesses limited word processing capability. Integrating more robust third party word processing, spreadsheets and presentation software facilitates the teaching and learning process in face-to-face courses and/or online courses. This presentation will demonstrate and explain the integration of these tools with Blackboard. Faculty with less experience with Blackboard will benefit from this presentation.

Blackboard and Tegrity technologies used to augment a senior level nursing course increased communications among students and faculty. Concise planning is required before placing a course in the Blackboard Course Management System. The process requires a vision and a detailed outline of all related activities by faculty, including possible trouble shooting situations. While senior level nursing students were eager to access Blackboard for course documents, announcements, and assignments, creative strategies must be used to motivate these students to use Tegrity technology. The goal of the presentation is to discuss the development of a senior level course for online delivery.

Course: NURS 416: Urban Health in the Community

Students presenters will demonstrate a brief real-time on-line class assignment and candidly discuss the positives and challenges they faced in this hybrid course.
Skills, knowledge and dispositions of teacher education candidates at CSU are evaluated at several points during their program of study. One of these assessments tools is the demonstration of our candidates’ ability create electronic portfolios. This exercise demonstrates how well our candidates are proficient in achieving some of the criteria set forth in the Maryland Teacher Technology Standards (MTTS), which all USM graduates are required to demonstrate.

11:50 a.m. – 12:40 p.m.  LUNCH

12:40 p.m. – 1:00 p.m.  EXPLORE THE EXHIBITS

1:00 p.m. – 1:20 p.m.

The Tablet PC as an Instructional Tool In Reading Education  
Delores Harvey & Glynis Barber

This session is designed to engage the audience in a reading education mini-lesson in reading assessment, diagnosis, and remediation. **Advanced preparation is required** to provide a modest set of terms and ideas about assessment, diagnosis, and remediation upon which the course of record that is listed below is based. This background information is intended to promote active participation and discussion as the Tablet PC, with emphasis on One Note, is demonstrated during the recorded session. Participants may be given a pretest and posttest on an aspect of phonology. This technology was used in the course REED 603 Diagnostic Teaching of Reading.

1:00 p.m. – 1:20 p.m.

Retaining and Assisting Nontraditional Nursing Students in a Baccalaureate Nursing Program Utilizing Blackboard & Tegrity  
Merrill, Reinckens, Yarborough, Robinson

Introduction to Nursing Process I began as a traditional classroom course with two faculty member team teaching the course. Its transformation to a hybrid online course using Blackboard and Tegrity reflects inherent strengths when faculty used a systematic approach and
implemented a strong team effort in all course sections. The team approach included collaboration on lecture content and shared power-point presentations in all sections of the course. Appropriate models of instructional design were used to provide teaching-learning strategies as faculty used both face-to-face and web-enhanced methods. A conceptual model, which included the importance of a systems approach that encourages student involvement, was actualized through out the project.

**Stay in the Game but Change Your Game Plan**

*Delores Smith*

“One who stops getting better, stops being good.” Technology comes as standard equipment with our students. This change is inevitable. We need to learn new tools, new methods, and new skills to meet the challenge of our new students. The presenter will share her experience on how using Tegrity helps students to focus on the content of the lecture instead of note-taking, forces instructors to be prepared/structured in advance and students’ grades improve.

**Setting up a Web Site on faculty.coppin.edu**

*Edward Sommerfeldt*

A demonstrate on how to set up a web site on faculty.coppin.edu. The session will cover the following topics:

- Logging on to the Coppin “VPN” from a laptop (this is a secondary consideration)
- Mapping the “Ruby” drive
- Setting up a home page (index.html)
- Setting up folders on Ruby
- Setting up “home pages” on each folder (also index.html)
- Copying files onto the “website”
- Establishing links using Frontpage
- Showing students and others how to navigate to one’s home page or to “sub-home pages”

| 1:20 p.m. – 1:30 p.m. | B R E A K |
### 1:30 p.m. – 1:50 p.m.

**Using Blackboard, Tegrity and the Internet to Remediate Essential Content in Nursing**  
*Watties-Daniels and Nursing Students (Leia Osborne & Jaquette Phillips)*

Students and faculty in the Division of Nursing use Blackboard, Tegrity and other internet based platforms such as blogs and listservs to discuss class information and review essential class content. The presentation will demonstrate that the use of these technologies improves teaching and learning.

**Statistical Analysis via SPSS**  
*E. Taylor, Legum, Eugene, and Brittan-Powell*

Representatives from FIST (Faculty-wide Institute for Statistical Training) will demonstrate the mechanics of operating SPSS (Statistical Package in the Social Sciences). The presentation will include basic statistical concepts, the logic and screen format, data entry, and various descriptive and inferential applications using SPSS.

This presentation is in response to the needs faculty and administrators have in learning and utilizing these skills in research projects.

**Blackboard for Beginners**  
*Habtu Braha, Emmanuel Anoru, Rolande Murray*

Teaching using a Course Management System is not simply transferring (converting) existing lecture to digital notes. Steps needed include re-conceptualize the contents of the course, preparation of presentation materials using appropriate presentation software, while thinking about the ease of students’ navigation. This presentation will address these issues and assist beginners on creating a course on blackboard.

### 1:50 p.m. – 2:00 p.m.

**BREAK**
The Use of Technology in Simulating Clinical Learning Experiences

Lucille Belgrave & Mildred Yarborough

The Nursing Resource Center at Coppin State University relies on computerized manikins, simulators and CAIs to assist the nursing student in the practice of such skills. The use of interactive tools such as venous access devices, SIM Man and various interactive programs, affords the student opportunity to practice clinical procedures and learn to perform skills in a non-threatening environment. The use of the venous access device, SIM MAN and select CAIs will be demonstrated.

Classroom Teaching With Tegrity: Barriers and Solutions, Solving Audio and Video Confinement While Teaching

Sisir Ray & Boris Chang

While teaching with the Tegrity, the instructor is confined around the proximity of the Tablet PC. The confinement induced the degradation of audio and video recording quality; the instructor improvises and provides alternative solutions to the problem. We will discuss some techniques to help resolve potential audio and video recording problems.

Tegrity: A Good Container for a Mathematics Lecture Using the Tablet PC

Sean Brooks

Using Tegrity, a dynamic Numerical Methods Lecture is given. In this lecture the Computer Algebra Maple will be used in addition to other software to help foster pedagogical progress. The presenter demonstrates how these tools have improved the teaching and learning process.
2:30 p.m. – 2:50 p.m.

**Tegrity Pen in the History of Women in America Course**  
*Abena Lewis-Mhoon*

Using technology as a tool to teach history has been successful for students. Students in this course interpreted ways gender constructs across race and class lines parallel the events in American history while using the TEGRITY PEN to increase their interactive experience and facilitate learning in both the traditional and on-line class environment.

**Technology and Research**  
*Drs. Legum & Brittan-Powell*

The presentation is designed to orient the audience to technologies that facilitate various parts of the research process such as: Reviewing the Literature, Methodology, Data Analysis, and Writing and Publishing the Research Report.

**Tegrity Support of a Nursing Course Content**  
*Nursing Students: Tiffany Jefferson and Alejuandria Manzie*

**Utilization of Eaglelinks Analytics for Assessment**  
*Leontye Lewis*

The Assessment System utilized by the Education Unit is designed to collect and provide data on candidate as they progress through the academic program. The system is built on the People Soft software and data analyzed using the I-Strategy System. The Assessment System is designed to accommodate a data collection system, data input, and data analysis with clearly detailed guidelines. The system is standards driven.

2:50 p.m. – 3:00 p.m.  

**BREAK**
3:00 p.m. – 3:20 p.m.

**Developing a Departmental Online Learning Plan**
*Rolande Murray & Chris Brittan-Powell*

This presentation will cover central issues involved in the creation of a Departmental level online learning plan with an emphasis upon the utility that such a plan provides in promoting effective integration of technology into teaching and curriculum.

**Teaching College Algebra & Differential Equations on the Blackboard Course Management System**
*Atma Sahu*

This presentation will discuss use of Tegrity, Blackboard and PC Tablet in teaching mathematics face-to-face and online. Some anecdotal data regarding the impact of these new technologies on learning will be presented.

**Nursing Faculty Utilization of Instructional Technology & Factors Influencing Minority Nursing Students' Satisfaction**
*Tracey L. Murray, Lucille Belgrave, and Vaple Robinson*

This presentation focuses on faculty utilization and implementation of computer assisted instruction such as Blackboard, e-mail communication, and announcement messages and the factors which may influence students’ satisfaction. Relevant data about student populations reveal that students’ satisfaction has been positively enhanced by the use of computer assisted instruction. Much of the current trend of nursing faculty and curriculum design involve a traditional instruction mode and teaching methodology.

3:20 p.m. – 3:30 p.m.  
**BREAK**

3:30 p.m. – 4:00 p.m.  
**Awards Ceremony**
Grant and Excellence Recipients

Excellence in Utilizing Information Technology in Teaching & Learning Award
- Denyce Watties-Daniels
- Nicholas Eugene
- Justina Reinckens

Trailblazers in Utilizing Information Technology in Teaching & Learning
1. Alfred Amah
2. Emmanuel Anoruo
3. Habtu Braha
4. Elias Taylor
5. Denyce Watties-Daniels
6. Crystal Day-Black
7. Ralph Stevens
8. Atma Sahu
9. Carol Grant
10. Ed Sommerfeldt
11. Emmanuel Owusu-Sekeyre

Recipients of Summer 2005 Mini-Grants in Utilizing Information Technology in Teaching & Learning:
1. Alfred Amah
2. Emmanuel Anoruo
3. Rolande Murray
4. Joan Tilghman
5. Justina Reinckins
6. Johnnie Johnson
7. Nicholas Eugene
8. John Newman
9. Lidan Ha
10. Nwachi Tafari-Preseley
11. Chris Brittan-Powell
Recipients of Fall 2005 Mini-Grants in Utilizing Information Technology in Teaching & Learning

1. Cynthia Neverdon-Morton
2. Abena Lewis-Mhoon
3. Blessing Diala-Ogamba
4. Fellina Nwadike
5. Delores Harvey
6. Glynis Barber
7. Juanita Ashby-Bey
8. Stephanie Hawkins
9. Lori Harris
10. Atma Sahu
11. Sean Brooks
12. Earlene Merrill
13. Crystal Day-Black
14. Yanghee Kim

Recipients of Spring 2006 Mini-Grants in Research in Information Technology in Teaching & Learning:

1. Alfred Amah
2. Emmanuel Anoruo
3. Christopher Brittan-Powell
4. Boris Chang
5. Roger Davidson
6. Crystal Day-Black
7. Lidan Ha
8. Harry Legum
9. Earlene Merrill
10. John Newman
11. Sisir Ray
12. Atma Sahu
13. Janet Spry
14. Elias Taylor
15. Denyce Watties-Daniels
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