Welcome
13th Annual LON-CAPA Conference and Workshop
Virginia Commonwealth University

Gerd Kortemeyer
Michigan State University
May 20th, 2011
Year in Review

May 2010-May 2011
New High School Domains

- Carson City
- Elliott County Schools
- Logan Hocking School District
New University Domains

• Universität Clausthal
• Clemson University
• Otterbein University
• School of the Art Institute of Chicago
• Universidade Federal do Triangulo Mineiro
• Arizona State University
• University of California Santa Barbara
• American International College of Arts and Sciences Antigua
High Schools, Colleges, and Universities

... plus grant projects and publishing companies.
Resolved over 400 bugs and enhancement requests
Award

- campusemerge award for excellent use of multimedia in postsecondary education
Project at Purdue

- Provost funding at Purdue: Signal Alerts
  - “best student performance ever”

LON-CAPA Laurie
LON-CAPA Assessment Tools and All Things Edu-Tech

More LON-CAPA problems + Signal Alerts contributed to best student performance ever!
by LAURIE ITEN on JANUARY 5, 2011

Ever since I submitted course grades for my BIOL 135, First-Year Biology Lab last semester, I’ve been doing a “happy dance” because our overall class performance was the best ever! Just check out the table below of student course grades for the past three semesters.

| Course grades with number of students for past three semesters of BIOL 13500, First-Year Biology Lab |
|---------------------------------------------------|------------|------------|-------------|
| Fall ’09 | Spring ’10 | Fall ’10* |
| A+       | 0          | 1          | 0           |
| A        | 6          | 16         | 13          |
| A-       | 10         | 4          | 6           |
| B+       | 11         | 9          | 21          |
Redesign Project

- LON-CAPA Redesign at Ostfalia University of Applied Science
- More consistent look and feel
- No more separate accessibility interface
- Version 2.10 – here at the conference
New Functionality

- More templates in author space
- Better treatment of dependent objects in HTML upload
- Checkboxes in two-option responses
- Improved interface for drop boxes
- Improved file management in portfolio space
- Configurable load balancing and session hosting
- Session hosting respects required minimum version of LON-CAPA
- Flexible modes for surveys (truly anonymous, with and without credit, …)
- i>clicker2 support
- Notification mechanism and audit trail for slot reservations
- New randomization after N tries
- Incorporation of GeoGebra
- Partial credit on external responses
- More robust and cross-distribution installation procedures
Grant Project: Concept Inventory Construction and Delivery Platform

- Built LON-CAPA derivative for construction and delivery of concept inventories
  - Streamlined simplified interface
  - Interface for creation of validated sub-inventories
  - Multiple different inventories on one server
- Already created 80 tests with 750 students
- Possible future:
  - Incorporation into mainstream LON-CAPA
    - Additional container besides “Course” and “Community”
  - Looking for collaborators to expand
Outlook
Projects

- Further work on GeoGebra integration (talks tomorrow)
- Project at MIT (talk tomorrow)
- Project at Purdue (signal alerts integration)
- Work on ANDES integration
- Work on Stud.IP integration (cross authentication, user accounts)
LON-CAPA 3.0

- The old “3.0” turned into 2.10, because: 3.0 is going to be a bigger change
- Talk on that tomorrow
Thanks!

- Thanks to our sponsors!
- Thanks to our virtual conference hosts at Ostfalia!
  - Stefan Bisitz
  - Peter Riegler
- Thanks to the organizers and hosts here at VCU!
  - Jana Avery
  - Colleen Bishop
  - Catherine Brewington
  - Lon Mitchell
  - Hollyn Mangione