



BITS AND BYTES

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A Newsletter from the UCHC Information Technology Department

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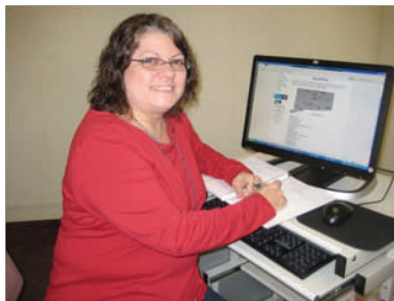
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CMHC Milestone Achieved: POE Rollout Completed

Correctional Managed Health Care hit a big milestone in March – the 21st and final location went live on the Physician Order Entry (POE) system, culminating a 2+ year implementation effort. The advent of POE automation at each prison medical facility represented a big boost in efficiency for physicians, allowing electronic lab, radiology and pathology ordering to replace handwritten orders. And with results immediately available online, patient care has been expedited. Eliminating handwritten orders has reduced errors, improving patient safety. Records are accurately maintained online and immediately accessible anywhere, anytime. With 27,000 orders placed in March alone, the CMHC POE system is truly making a difference for CMHC.



Ann Marie Abril, IT's CMHC POE developer, demonstrates the POE system.

For more information, please contact Ann Marie Abril at x2460.

Research IT Headline News

- The UConn Study and Recruitment Registry (UConn STARR), a web-based registry aimed at facilitating volunteer recruitment into clinical research studies and providing up-to-date information on current clinical studies, went live in January. The registry currently contains information about 470 research studies at the Health Center. You can visit STARR at: <http://health.uchc.edu/clinicaltrials/index.htm>
- A Request for Proposal (RFP) for an online IRB application submission, review, and management system has been posted. Reviews of potential solutions are taking place during April and May by a committee consisting of PIs, coordinators, and staff from the Human Subject Protection Office.
- Great progress is being made developing a web application to allow faculty to enter and manage their dossiers. The application – dubbed the Comprehensive Faculty Activity Registry (CFAR) – will collect and track essentially all the information typically found in a faculty curriculum vitae (CV). The information can then be used to generate a CV for personal use, the NIH Biosketch form for grant submission, to feed a standard faculty website, and to generate and pre-populate the annual merit review forms. We anticipate the application to be completed this summer.



For more information, please contact Khamis Abu-Hasaballah at x8141.

Versatile Voyager

The Library's Voyager circulation software has found a new use: electronically managing materials and equipment loaned to faculty, students and staff. Everything from the Issue Room bones checked out by students to 3-D educational figures to laptops can be barcoded for tracking by Voyager. By scanning the barcode and the faculty member or student's library card barcode, the system will automatically keep track of who borrowed the item and when it is due. As an added feature, the software will also generate usage statistics so loaning departments will know which items are most heavily used at various times throughout the year. Please contact Yanko Michea at x1225 for more information.



Tom Casso scans a skull in the Issue Room.

Rave Reviews for Rave

Did you know that Blackboard can send a text message or email alerting students about any change in their courses? Thanks to Rave, an innovative Blackboard learning system tool, students can receive automatic email delivery of announcements, content update notifications, course changes, and other key information.



Blackboard

Notifications are transmitted automatically by a unique feature that searches the Blackboard Learning System for changes and new announcements every 15 minutes and automatically converts these into email or text which is sent to subscribed course participants. If you are interested in subscribing or learning more about this innovation, please contact Jason Nicosia at x2573.

Equipment Inventory Search Now Available

In partnership with Materials Management, IT has developed a simple webpage to enable employees to search for and locate equipment. The system – which currently houses over 14,000 items – searches a database of research audio-visual, hospital, and other equipment. The search returns items matching the search term(s) along with other attributes about each item – such as owner, location, cost, and condition. To start a search, visit <http://researchit.uchc.edu/equipmentinventory/index.html>.

A screenshot of the 'Equipment Inventory' webpage. The header includes the University of Connecticut Health Center logo and 'Research IT'. A navigation bar contains links: HOME, RESOURCES, COMMITTEES, CONTACT US. A sidebar on the left lists: IT Team, IT Store, Software Inventory, Equipment Inventory (highlighted), and FAQs. The main content area features a large image of a scientist in a lab coat and safety goggles, with a smaller image of a person holding a 3D model. Below the images is the title 'Equipment Inventory' and a paragraph explaining the service. At the bottom, there is a search bar with a 'Find' button and footer information including '© University of Connecticut Health Center' and 'Disclaimer: Privacy Notice Maps & Directions'.

Encryption - Everything You Wanted to Know ...

\$49,246! That's how much Intel and the Ponemon Institute estimate is the actual cost to an organization for a stolen or lost laptop. Based on 128 laptop loss incidents in 29 different companies, this cost estimate was based not just on replacement, but intellectual property loss, lost productivity, forensics costs and other downsides. These costs don't reflect the potential negative impact on patients/customers and/or negative publicity.

The same report found that the use of encryption cuts the average cost of a loss roughly in half, and that hardware is the best place to put such encryption.

At UCHC, encryption of employee and student laptops is progressing well and is our first line of defense in protecting confidential information from data breach.

The Health Center's approach to encrypting data, while complying with a 2007 Governor's order and meeting federal HIPAA requirements, also provides "safe harbor" from requirements to notify and publish details of data breaches. The broad scope of confidential information with which the Health Center is entrusted includes the following:

- Medical/Dental/Behavioral Health-related patient information (ePHI)
- Other sensitive Health Center information not in the public domain (consent decrees, compliance issues, recommendations of retained external consultants, etc.)
- Financial information about the Health Center (strategic revenue plans, accounts receivable/payable details)
- Employee HR and financial information
- Any information about employees, students, patients, Board Members, etc. which includes Social Security numbers
- IDs and/or Passwords for access to Health Center computing resources
- Research data requiring protections (clinical trials, patient survey responses, etc.) by the NIH
- Student information
- Exam questions for medical, dental or graduate students

For more information, please contact Jon Carroll at x3528.

Tidbits and Tips

Did you know:

- In FRS, Control + Z will allow you to go back fields?
- You can select a column or rectangle of text in a word document by putting your cursor at the start point, hold down "Control+Alt+Del" and run your mouse along the column of text you want to select?



ABOUT BITS AND BYTES

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