NETWORKING 101

WVNET TO PRESENT DURING SPRING 2012 INTERNET2 MEMBER MEETING

Over the past two years, West Virginia has experienced a radical evolution, if not revolution, in its R&E cyberinfrastructure. Through a regional collaboration involving West Virginia University (WVU), the West Virginia Network for Educational Telecomputing (WVNET), the Three Rivers Optical eXchange (3ROX), Ohio's Academic Research Network (OARnet), the National Energy Technology Center (NETL), the National Oceanographic & Atmospheric Administration (NOAA) and the National Radio Astronomy Observatory at Green Bank, WV (NRAO), research

transformed into a world class collaborative effort include a campus network, a 10G link a 10G ring, deployed by WVNET Virginia, connecting to OARnet NRAO in Green Bank to the WVU the new NOAA supercomputing Pittsburgh. We are pleased to WVNET's presentation for their "The Evolution of R&E Cyber- on April 24, 2012, 8:45-10:00 a.m.

R&E Panelists Brainstorm at WVNET

networking in West Virginia is being infrastructure. The results of this major upgrade of the WVU intra- connecting WVU to 3ROX and Internet2, and passing through the heart of West and 3ROX, a 10G optical link between network and a 10G service connecting facility in Fairmont, WV to 3ROX in announce that *Internet2 has accepted April meeting*. The presentation entitled *Infrastructure in West Virginia"* will occur at the Spring 2012 Internet2 Member

Meeting being held in Arlington, Virginia, on April 22-25, 2012 and highlight the results which have come from the $1 million I2 EPSCoR grant and the $3.5 million NTIA optical network equipment grant. The panel will discuss the various initiatives and collaborative efforts that are literally changing the R&E network landscape in West Virginia and also speak to the vision for broader applications of this enabling infrastructure for increasing science, research, and socio-economic growth for the state. *Panel members are: Don McLaughlin, WVU, Timothy Williams, WVU, Wendy Huntoon, 3ROX/PSC, Michael Lambert, 3ROX/PSC, Dan O'Hanlon, WVNET, Allen Daugherty, WVNET, David Halstead, National Radio Astronomy Observatory (NRAO), Arnold Miller, Marshall University, and Jeff Flick, NOAA.*

For more information about Internet2's "*Building the Next Innovation Platform Together,*" visit: http://events.internet2.edu/2012/spring-mm/agenda.cfm?go=session&id=10002247&event=1036

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About Internet2 - Internet2 is an advanced networking consortium led by the research and education community. An exceptional partnership spanning U.S. and international institutions who are leaders in the world of research, academia, industry and government, the Internet2 community is developing breakthrough network technologies that support the most exacting applications of today—and spark the most essential innovations of tomorrow.

Led by its members and focused on their current and future networking needs since 1996, Internet2 blends its unsurpassed human, IP and optical networks to develop and deploy revolutionary Internet technologies. Activating the same partnerships that produced today's Internet, the Internet2 community is actively promoting the kinds of collaboration and innovation that can have—and has already had—a fundamental impact on the future of the Internet, and its fast-growing world of users.

INTERNET 2®

WVNET is pleased to welcome Donna Meadowcroft, CPA, as Chief Financial Officer (CFO).

Donna is a member of both the West Virginia Society of CPAs and the Central Chapter of the WV Society of CPAs. She brings years of experience from WVU of analyzing data, reporting summary and sub-ledger data to and advising finance committees, directors, and deans, developing financial systems, budget management, setting policy and procedures for budget management, leading and training teams, office management and supervising staff. Donna is a self-motivated, energetic, flexible, positive person whom can work independently and on a team. She kayaks and rock climbs when not crunching numbers.
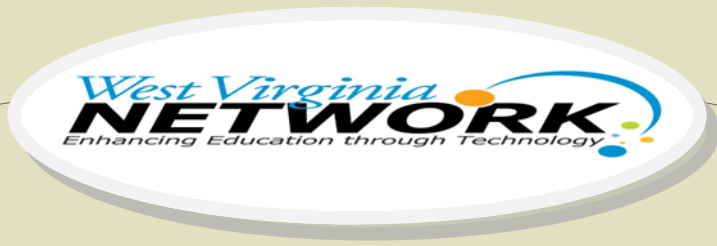
HELP WANTED

WVNET is currently offering these employment opportunities:

♦ *Instructional Multimedia Web Designer*

♦ *Web Developer, Internship*

Go to www.wvnet.edu & click on "Jobs" at the left side bar

Organizational Changes

* **Booker Walton** has been promoted to Lead Network Operator. In addition to his six years of experience as a Network Operator, Booker has developed his technical and leadership skills through his independent contracting and personal businesses. Additionally, Booker's nearly ten years officiating high school basketball has been a unique opportunity for him to develop outstanding leadership skills.

* **Libby Cress** has been promoted to Accounting Assistant II. Libby has been with WVNET for over 10 years and continues to provide unparalleled service in the accounts receivable and contract functions.

* **Karen Saffron** accepted the Program Specialist position that was previously held by Kathy Musick. Karen's years of working in tandem with Kathy to host the West Virginia Statewide Technology Conference makes this a logical and well-deserved promotion.

* **Marcie Layman** accepted the Administrative Application Software Specialist position within the Applications group. Marcie has consistently proven her skills during her 30 years at WVNET, most recently as a Lead Operator.

* WVNET's first new intern began employment within the Web Development group. **Josh Friend** is an undergraduate at WVU who recently transferred from the Graphic Design to Communications major. Josh brings to WVNET an exceptional eye for aesthetics which will be put to use in our continued web design and development.

Check this out!!

WVNET Data Center and the WVU Research Park YouTube video **here**

ON A MORE PERSONAL NOTE

⇒ *Happy Birthday to staff members with birthdays recently: Fran Barnes, Karen Saffron, Doug Saunders, Booker Walton, Greg DeVall and Kevin Kincaid.*

⇒ *Speaking of birthdays and such, Network Operator Kevin Kincaid's cat appropriately named Blackie can't wait for Spring to settle in so that he may get a little more exercise chasing birds, chipmunks and the like from the stoop of his home in Morgantown, WV.*
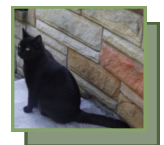
⇒ *Vice Chancellor for Technology, WVHEPC, Dan O'Hanlon was one of four West Virginia leaders featured in the Winter 2012 issue of Capacity Magazine cover story that commented on Why Manufacturing Still Matters. Dan was quoted as saying "Manufacturing matters because half of the research and development dollars spent in America are spent by the manufacturing sector. And because manufactured goods are easily tradable around the globe helping to redress our trade deficit."*

Fran Barnes

Enhancing
Education through
Technology

We're on the Web!
www.wvnet.edu

Reaching out —-
24/7/365

Update
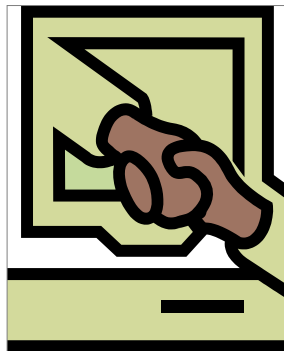
State ERP — wvOASIS (Our Advanced Solution with Integrated Systems) —- WVNET is working with the State's ERP implementation team to develop the interfaces and chart of accounts. Implementation of the main finance module is scheduled for October 2013. WVNET is seeking funding for additional staffing to support implementation efforts. Since higher education was exempted from the requirement to implement OASIS, WVNET will be working on replacing the current interfaces from Banner to the State systems. There is some discussion about what additional interfaces may be needed.

There is also discussion about what options are available for Human Resources. Some campuses have already purchased Banner HR but most have some other solution for human resources, leave tracking, etc.

wvOASIS is a huge project with a very aggressive timeline. A recording of the kickoff session from last week along with other information about the project is available on the project website at http://wvoasis.gov

Argos and Blackboard Analytics — A central part of and requirement for the State ERP is the ability to analyze how the State's funds are being used. Bondholders and decision makers demand transparency in how the money is being spent and administrators need information to help determine how different programs are working to meet institutional and State goals. Based on that requirement, we are awaiting word on central funding of both Argos and Blackboard Analytics as solutions to meet these requirements for higher education. This funding request also includes additional staffing that will allow us to concentrate on standardizing as much as possible the way data is represented in Banner by making the way Banner is used more consistently across the State.

WVNET sees Argos as an important reporting tool that will help us develop shared reports for such common efforts as the board reporting that is required 5 times a year. Argos could help save the huge duplication of effort needed to develop and maintain these required reports while also producing more standard data. The data supplied by each school for the board reports is combined to populate the data warehouse for the P20 project which provides a vehicle to analyze de-identified data for our learners from pre-K through workforce.

Blackboard Analytics provides a data warehouse designed to do more advanced data analysis. Again, the quality of data that goes into a data warehouse like this depends on the quality and consistency of the data which is extracted from Banner which will be enhanced and standardized by the efforts to work with each campus to make the data as consistent as possible across the State.

New Hardware for Hosted Campuses—For the 12 institutions running Banner hosted at WVNET *(Blue Ridge, Bridgemont, Eastern, Glenville, Kanawha Valley, Mountwest, New River, Southern, West Liberty, WV Northern, WVUIT, WVUP, plus WVHEPC's database)*, a new IBM P770 server running AIX 6.1 is in the process of being installed. This system will replace both the P650 (zeppo) which will be retired and the P570 (groucho2 and harpo). The P570 will be used as a test system and may be used as a disaster recovery server for the production database. The new system supports a kind of virtualization called WPARs (Workspace PARtions) which will allow us to isolate individual campus databases, under their own unique hostname, while sharing the same Oracle installation.

DegreeWorks Status—Scribing for the first cohort of institutions is either complete or nearly complete mostly ahead of schedule. The kickoff meetings for the 2nd wave will be held at WVNET April 3-4 and April 10-11. Each wave of schools will then have scribing training for the campus staff who will maintain the catalog rules going forward. These classes will be held at one of the group campuses. Two additional training sessions will be held over the next few months, with the final training being held in August prior to going live. We're excited about the successes so far and look forward to completing the implementation for this cohort. The next cohort will begin implementation in the fall.

Check our
newsletter
archives here:

www.wvnet.edu