

NETWORKING 101

WEST VIRGINIA NETWORK (WVNET)



WEST VIRGINIA HIGHER EDUCATION TECHNOLOGY CONFERENCE

West Virginia Higher Education Technology Conference (WVHETC) 2014 will be held October 27-28, 2014, at The Waterfront Hotel in Morgantown, West Virginia. This annual conference brings together higher education, K12 and state agencies for a common purpose, that of embracing new ideas, developing new insights, and designing new approaches to help move education forward in the state. WVHETC 2014 Faculty and Staff Call for Proposals' intended purpose is to reach out to faculty and staff in higher education and K12 to offer them an opportunity to share knowledge and expertise with colleagues throughout the state. The conference starts on Monday, October 27, with the opening keynote luncheon and ends on Tuesday, October 28, with an exhibitor reception beginning at 3:00 pm. A pre-conference training session is available to interested participants who register and pay in advance. We're expecting two hundred or more participants this year for the return of this important higher education technology conference. Forty-plus concurrent sessions, tantalizing and plentiful regional cuisine, the latest technological advances to be demonstrated by exhibitors, and networking with educators from all over the State of West Virginia will be just a few of the opportunities available to attendees. Check the WVHETC 2014 website for updated information as it becomes available: wvconference.com

Dr. Marjorie Darrah will be the Opening Keynote Luncheon Speaker on Monday, October 27. She will speak on the topic of Using Technology to Give Students What They Need. Dr. Darrah is Associate Professor of Mathematics at WVU and the CEO of eTouchSciences. Her newly formed company, eTouchSciences, recently won the 2013 TechConnectWV award for StartUp Innovation of the Year for their educational technology products to help students who are blind or visually impaired learn math and science.



Wanda Barker will be the Breakfast Keynote Speaker on Tuesday, October 28. Wanda is the Executive Director of eLearning and Learning Technology Systems for the North Carolina Community College System, the 3rd largest in the U.S. She leads the Learning Technology Systems Department which consists of three sections: eLearning, Library Services, and the NC Learning Object Repository (NCLOR).

Senator Robert Plymale will be the Exhibitor Luncheon Keynote Speaker on Tuesday, October 28. Senator Plymale is the CEO and director of the Rahall Transportation Institute (RTI) and is currently serving his sixth term in the WV State Senate. He is chairman of the Senate Education Committee and serves on the Rules, Finance, Health and Human Resources, Confirmations, and Transportation and Infrastructure committees, respectively. As CEO and director of the Rahall Transportation Institute (RTI), Mr. Plymale leads a dynamic team of business, academic and research professionals working to enhance safety and economic development opportunities through transportation.



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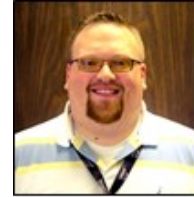
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WHITESPACES IN WOOD COUNTY

Recently, Wood County commissioners, law enforcement and others talked with West Virginia Network (WVNET) about improving high-speed internet access in their county. WVNET currently has pilot projects in Huntington and Clay-Battelle High School. There are discussions about a program in Wood County which would use whitespace technology to bring internet to rural areas. This would primarily help schools and law enforcement.



Andrew Parker

Wood County representatives sat down with WVNET Telecommunications Specialist Andrew Parker to discuss details about the experimental program. Andrew Parker commented that *"There is a lot of excitement. People want to move forward and expand, and we don't even have it off the ground yet. They want to do more, and more places are calling, so there's a lot of excitement. Everybody across the state that we've talked to sees a lot of potential in this technology to help the citizens of West Virginia."* The next step is for Wood County to identify areas without high-speed internet where the pilot program can be launched. See related details and news video here: <http://www.thenewscenter.tv/home/headlines/Wood-County-Officials-Discuss-High-Speed-Internet-Access-269876621.html>

FROM THE DIRECTOR



August is always a busy time at WVNET. We are working with our schools getting ready for the start of another school year. We are putting on a Higher Ed Technology Conference. We are transitioning 400,000 K12 students and staff from Oracle email to Microsoft 365. And we just heard that the Chancellor and the new Executive Vice Chancellor are coming for a visit. Whew!

But the hard-working people at WVNET take it all in stride, solve problems every day and get the job done as they have for the last 39 years. God bless them one and all!

WVOT SIGNS MOU WITH WVNET

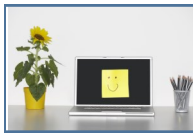


For years, WVNET and the WV Office of Technology have worked together on various projects for the betterment of public entities in the State of West Virginia. We are proud to announce that the Office of Technology and WVNET have furthered their relationship with a Memorandum of Understanding that became effective on July 1, 2014.

This MOU solidifies the relationship between the two major technology organizations, publicly acknowledging the benefits provided to each other. The document details after hours help desk support by WVNET for the Office of Technology, as well as outlining telecommunications and network security information between the two offices. This document is an outward symbol of the expanding, positive relationship between the two entities and recognizes increased cooperation and collaboration.

WVNET would like to thank Gail Given for her belief in the value of a strong relationship between the WVOT and WVNET. We give credit to her leadership and forward thinking in working with us to help shape this Memorandum of Understanding.

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EWVCTC EXCHANGE DATABASE RECOVERY



Scott LeCrone, EWWCTC

On April 1, 2014, Eastern WV Community and Technical College (EWWCTC) employees were having issues logging into systems on campus and retrieving email, reports Scott LeCrone, EWWCTC Information Technology Technician (*pictured at left*). EWWCTC hosts an Exchange Server on site, and upon investigation, it was found to be in a continual reboot cycle. *"We contacted Steve White at WVNET in a panic because not only was this our email server, it was also our DHCP server.*

Since no students or employees could login, the first item to be addressed was the migration of the DHCP services. WVNET was able to guide us in getting the server booted and exporting the DHCP scope, so that these services could be restored to an alternate server on campus." After DHCP was restored, Scott worked with WVNET's John Moore to recover the corrupted email database. They were able to successfully repair the database in place, and email service was restored. Eastern's CTO Ron Hamilton comments, *"WVNET quickly and professionally resolved our problems. I don't know what we would do without the support from the IT professionals at WVNET. Since that time, we have purchased 2 VM's (virtual machines) to run some of our Windows server functions at WVNET. With the addition of these VM's, we have protection from similar failures in the future."*



ORACLE 12C GRID CONTROL TRAINING HELD AT WVNET

On July 23, 2014, Oracle provided onsite training on Oracle 12C Grid Control to institutions hosting Oracle on campus. Bluefield State, Marshall, Shepherd, WVU and WVNET all had representatives in attendance.



This quarterly workshop was a way to insure that West Virginia Higher Education realizes the value of the products we own from Oracle. WVNET would like to thank Oracle for helping West Virginia realize the full power of our Oracle investment. WVNET hopes to expand on the program next quarter to provide a broader reach to the community of Oracle users.