

NETWORKING 101

WEST VIRGINIA NETWORK (WVNET)



CTO Gale Given

WVHETC 2012 was a great success. WVNET hosted this year's West Virginia Higher Education Technology Conference at the Waterfront Hotel in Morgantown, WV. The conference brought together experts in higher education, K12



WVNET Director Dan O'Hanlon

and state agencies from all over West we fit into the age of new technology. vendors, and 70 sessions, this year's Conference kicked off on Monday with Dan O'Hanlon, Director of WVNET and WV. Tuesday was highlighted with a Wise, president of the Alliance for nor of West Virginia. He spoke on Teachers with Better Tools for Student everyone who attended, exhibited and would not have been the great success



Virginia. The conference explored how With over 200 people in attendance, 38 conference was phenomna! The a luncheon and keynote addresses by Gale Given, Chief Technology Officer of luncheon and keynote address by Bob Excellent Education and former gover-"Constructive Turbulence: Enabling Learning." WVNET would like to thank spoke at this year's conference. It that it was without everyone.



Former Governor Bob Wise

We look forward to seeing you next year!!

Bob Wise (left) and Dan O'Hanlon



VOLUME 2, ISSUE 11

NOVEMBER 2012

In this issue:

WVHETC 2012 A Huge Success	1
WVHETC Memories Continued	2
DegreeWorks Training	2

Years of Service to State of West Virginia	2
WVNET Update	3
From the Director...	3



WVNET Employee Mike Karolchik at WVHETC 2012

Vendor Reception WVHETC 2012



West Virginia Higher Education Technology Conference 2012 photos continued on [page two](#).



DegreeWorks Training Participants November 2012

While the first cohort of DegreeWorks participants have moved or are in the process of moving their DegreeWorks implementations to production, the second group of schools had their first face to face sessions this week at WVNET. These kickoff sessions will be followed by training sessions in December, February, and March, with go-live projected for summer 2013. It is really great to have the different groups together working on this project so that the campus teams can share with the other schools and learn from each other.

The schools in the first cohort that started late last year include Blue Ridge, Bridgemont, New River, WVU Parkersburg, Concord, Glenville, Southern, and Northern. The institutions implementing during this second cohort include Kanawha Valley, Mountwest, WV State, Fairmont, Pierpont, and Shepherd. WVU, Marshall, and Bluefield have previously implemented DegreeWorks. This means that all but 2 of our state institutions will have this web-based degree audit tool available to assist their students and advisors with academic planning in ways that should improve completion rates and make it easier for students to make decisions about their college plans. WVNET staff have also started working on Argos reports for DegreeWorks to assist campus staff in making even better use of the tools DegreeWorks provides.

Years of Service to State of West Virginia...



Six WVNET staff members were recognized for their Years of Service to the State of West Virginia during a general meeting of the staff held by WVNET Director Dan O'Hanlon on November 14 — *Jason Chastain-20 years; Mike Karolchik-30 years; Marcie Layman (pictured above left)-30 years; Randy Long (pictured above right)-30 years, Allen Daugherty-35 years and George Tilko-40 years.*

WVHETC 2012 Memories...



Exhibit Area WVHETC 2012



WVNET Employee Verne Britton (right) at Booth



WVNET Employee Steve White (left) and Dan O'Hanlon



Justin Robinson and Mike Karolchik announce prizes WVHETC 2012



WVHETC 2012 Vendor Reception Meet and Greet



Bob Wise and Dan O'Hanlon



WVHETC 2012 Begins!!



WVHETC 2012 Ends!!



A big THANK YOU to WVHETC 2012 Sponsors!

Dan O'Hanlon, Director
837 Chestnut Ridge Road
Morgantown, WV 26505
304.293.5192 x267
dohanlon@mail.wvnet.edu

Fran Barnes, Newsletter Editor
fran@mail.wvnet.edu



Fran Barnes



[Follow @ wvnet](#)



Newsletter Archives Here
www.wvnet.edu



In October 2012, **Dr. Mary Stewart** completed the *Blackboard Certified Trainer Course for Learn 9*. Since joining the WVNET staff in April, she has received certification in Blackboard Learn GUI Administration, Applying the Quality Matters Rubric, and she has completed additional training as a Quality Matters Peer Reviewer for online courses. Currently, she is working with Dr. Roxann Humbert to vet and rebuild RBA Today courses based on the QM Rubric for WVROCKS, the state's e-learning portal.

WVNET received one grant and is partnering with the Higher Education Policy Commission on another.

The grants were awarded through the *West Virginia Technical Assistance Broadband Grant Program* which is part of the *State Broadband Data and Development (SBDD) Grant program funded by the American Recovery and Investment Act*. The SBDD grant is tasked with three specific objectives to support the Broadband Technology Opportunities Program: (1) mapping broadband resources in each state, (2) conducting planning to support future broadband updates, and (3) providing technical assistance in the form of training, education, and application development to encourage broadband adoption and use.

The "Online Course Quality Improvement Grant" provides funding to conduct the "Applying the Quality Matters Rubric" workshop for twenty faculty at each of the fifteen affiliated institutions and to pay for training for two peer reviewers and one master reviewer from each institution. The grant covers Dr. Humbert's travel, the cost of materials, and lunch for the participants for all the sessions. Dr. Humbert's time, the campus subscription cost, and the space the campus provides for the training covers the matching. *WVNET will serve as the fiscal agency for the grant.* The grant starts immediately and goes through Aug. 31, 2013.

The "Certificate of Online (COT) grant will be used to develop two six week online courses that will be part of professional learning program for faculty teaching on the West Virginia Remote Online Collaborative Knowledge System (WVROCKS) hosted by WVNET. The courses will also be used to beta test the possibility of offering online professional development classes on WVROCKS with the intention of making the COT program available to any higher education faculty member in the state at a small cost.

Drs. Roxann Humbert, Valerie Morphew, and G. H. Budd Sapp, Faculty who teach in Fairmont State University's Masters of Education in Online Learning, will assist with developing and teaching the classes. Dr. Mary Stewart will work with the instructors to facilitate instructional design and GUI support.



From the Director...

"The best way to predict the future is to create it." -Peter Drucker

This has been a challenging, exhilarating time at WVNET. As you know from my prior columns, WVNET has formed a Team to master Software Defined Networking [SDN]. Now the work that we have done is starting to bring us into the national spotlight.

President Obama last August launched the US Ignite Initiative. Its purpose was to make sure the United States, which invented the Internet, maintained its world leadership in this area. The platform for this is called GENI, which stands for General Environment for Network Innovation. While GENI starts, as did the Internet, with the Research & Education Community, business is starting to take a real interest in it.

A GENI Rack basically consists of a fast top of the rack network switch or router, some virtual blade servers to run programs virtually in the cloud for remote users, lots and lots of intelligent storage, an OpenFlow SDN Controller, and a large broadband connection to Internet2.

Several companies like IBM, HP and NEC have already had their GENI Racks certified by the GENI Project Office. Now Cisco has chosen WVNET to work with RENCi www.renci.org at Duke University to help get its first GENI Rack certified. We are very excited to be selected and to be working with a prestigious partner like RENCi.

By doing this project WVNET is taking Peter Drucker at his word. We are helping to create the future we will someday offer to our West Virginia colleges and universities.



Speaking of the future, on his two-year anniversary with us on November 18, 2012, WVNET would like to acknowledge the positive impact

Director Dan O'Hanlon has had on us and will have on our future. Thank you, Dan!!