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TECH NOTES

Winter 2015

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Profile: Chaw-Ye Chang

Chaw-Ye Chang is Director of IT Strategic Sourcing & Planning

As Director, Chaw-Ye is involved in reviewing and selecting a wide range of systems and solutions for the campus. She works closely with the campus leaders, IT teams and vendors to evaluate and select the technology solutions or professional services. Chaw-Ye manages IT contracts and reviews proposals as they relate to data security, privacy, compliance and solution provisioning. In addition, she oversees the budget planning, software license auditing and compliance for the University ERP systems. Aside from contract and vendor management, she handles division-wide projects or initiatives, such as disaster recovery planning and exercise, internal and external IT audit coordination and reporting, as well as IT security review.

Can you tell me about yourself and what brought you to WCU?
I graduated from Saint Joseph’s University with a bachelor's degree in Management Information Systems. I then continued my education and earned a master’s degree in Computer Science from Villanova University. After graduation, I started my IT career in the healthcare industry and held various applications development and project management positions over 12 years. When I returned to work in the fall of 1998 after my second child was born, I made a decision to realign my priorities to better balance my career and family needs. Being a resident of West Chester since 1991, the University was naturally my top choice for my career pursuit. When I explored the opportunity that suited my skillset, I realized that the timing could not have been better as the University was about to embark on transitioning from a legacy system to the enterprise scale PeopleSoft ERP systems. After successfully completing the search process, I was fortunate to join the University in December 1998 as a Sr. Systems Analyst.

How did you become interested in what you do?
I am passionate in working with people and technology. My position allows me to contribute my skills, and to collaborate with my colleagues and external solutions providers. It also gives me the opportunity to cultivate my professional skills.

What projects are you currently working on?
I’m currently working with the network team and vendors on IT security projects. I’m also working with campus users and the Business Services Office to review the contracts for an enterprise content management system, as well as a budget reporting system for the Athletic Department. I’m coordinating with Oracle and Information Services resources to develop a training program for PeopleSoft technical and functional needs. I also negotiated and submitted a five-year, fixed-fee Oracle/PeopleSoft maintenance agreement through WCU procurement process for approval.

What do you like most about your job?
There are two aspects of my job that I like and appreciate. First, it is rewarding to have the opportunity to interact and coordinate with various internal and external constituents, and work through the processes and challenges to accomplish the common goal. Second, the opportunity to explore and learn about the University “business” and identify solutions and sound technologies, thus allowing our users to become more effective in whatever they do, is fulfilling.
Today, we are over in the beautiful Swope School of Music building, with Seth Birch, the new Digital Media Specialist for the College of Visual and Performing Arts. Seth, an 2006 Art and Design graduate of West Chester University has returned to use his graphics and design talents and technology to share all that the college has to offer - especially with students, including current, former and prospective - and the community near and far. With the help of both a student and professional photographer, a full time audio/visual engineer and a supporting crew of editors and designers, Seth shares the talent of musicians, artists, actors, actresses and more, through the many avenues of the web and print publications. The CVPA can be found on the WCU website, Flickr, Facebook, Twitter and YouTube. His work can also be found in print materials such as the local magazine, Fig, as well as the many pamphlets and flyers distributed by the university.

Many of Seth’s photos and messages are used to invite the community to attend the high quality performances that take place here at West Chester University. Seth also wants to encourage our neighbors to visit and see the excellent artwork that is in our galleries. Seth wants the photos, recordings and publications to illustrate the top quality art, theatre and music that is produced by the university. He also hopes the publicity from these top quality productions will attract prospective students to the College of Visual and Performing Arts.

Some of Seth’s latest projects include using technology to connect alumni and the community to concert performances through live streaming. He also spends time working with alumni relations, the WCU Foundation and social media researching the successes of alumni of the College of Visual and Performing Arts and to bring their stories to campus. Seth hopes that those success stories will attract prospective students and encourage current students who are in the College of Visual and Performing Arts.

Finally, Seth is working to integrate technology with the arts by helping the viewer become part of a performance or to experience the arts in a unique way. For example, Seth has worked with faculty to include GoPro cameras in music concerts and with the marching band to immerse the viewer into the performance from the musician’s point of view.

As a Digital Media Specialist, Seth is using technology in many ways to connect the College of Visual and Performing Arts to the West Chester University Community, near and far.
Tech Updates: iPads in the Classroom

The Tech Fee (TF) Department provides support for campus-wide initiatives
In 2009 the iPad and App store were still prototypes in Apple’s product line. Today, there are 1.2 million apps available in the App store, 475,000 designed just for the iPad. The app store has delivered nearly 75 billion downloads. Both have altered the landscape of technology in the classroom.

The iPad offers a new and exciting opportunity in the Education and IT fields. iPads provide a tool to facilitate student-teacher communication, enhance learning both on campus and off campus and reduce the volume of books and paper used on campus. For IT, iPads represent a way to take advantage of the rich Apple ecosystem. The App store allows a safe way to purchase secure apps vetted by Apple. The Volume Purchase Program and Mobile Device Management solutions offer an integrated way for institutions like WCU to purchase apps and deliver them to iPads and maintain the iPads.

Since 2011, TF has provided nearly 500 iPads, apps and technical support for use in various departments at WCU. Colleges and Departments include College of Health Sciences, College of Education, College of Visual and Performing Arts, Communicative Disorders, Economics, Mathematics, Art, English, Nursing, Learning Assistance and Resource Center (LARC), Office of Services for Students with Disabilities (OSSD), and others. Some highlighted uses include apps used in the Health Sciences and West Chester University Speech and Hearing Clinic (WCUSHC).

C3 Logix Concussion Assessment iPad app
With the help of the Tech Fee Office, the Department of Sports Medicine has acquired a license for the C3 Logix Concussion Assessment iPad application. This technology will be used by undergraduate athletic training students in the laboratory setting in Pathology & Evaluation of Athletic Injury III and also in the clinical education setting where students work with WCU student-athletes. The app introduces students to new technology developed for clinical assessment, diagnosis, monitoring, and management of concussions. The C3 Logix system incorporates accelerometer and gyroscope data to objectively quantify postural stability, which can be used to evaluate and provide feedback during balance tasks. The app also takes full advantage of the iPad’s touch screen, which is used in the assessment of reaction time, coordination, memory, and vision. The C3 Logix system is a cutting edge assessment tool for evaluation of concussion in sports that will assist students in learning how to perform a thorough patient evaluation for suspected brain injuries.

Proloquo2Go Speech app
West Chester University Speech and Hearing Clinic (WCUSHC) strives to provide superior professional diagnostic and treatment services in speech-language pathology and audiology while providing excellence in clinical education for students in the Department of Communication Sciences and Disorders. Since Fall 2012, iPad and its apps have been utilized in therapy and diagnostic sessions to provide more individually targeted and hands-on services to adults and children with a variety of communication disorders.

One of the top apps used in the WCUSHC is Proloquo2Go by AssistiveWare. It is a symbol-supported communication app that gives a voice to people who have difficulty speaking. It includes natural text-to-speech gender- and age-appropriate voices and approximately 14,000 up-to-date symbols or photos. Compared to commercial speech-generating alternative and augmentative communication devices, the app is affordable, user-friendly, and less stigmatized.
How to take a screen shot of a complete webpage within the Chrome web browser

• Open the Chrome browser
• Go to Menu, More Tools, Extensions:
  • Choose, 'Get more extensions'
• Search for 'Webpage Screenshot'
• When the results appear, choose the 'Extensions' radio button in the left column located under the search box
• Install the extension by clicking the 'Free' icon to the right of the 'Webpage Screenshot' description. Click 'Confirm' to add.
• Go to the web page you wish to print.
• Click the new camera icon located near the Chrome menu icon.
• Choose 'All page screenshot'
• In the new window that opens, choose one of the options on the right to save, copy, or print the file.
Visit the Software Application Training site for information on upcoming training sessions.

Don’t forget about the online UPK tutorials. Use these tutorials to learn at your own pace and at a time that fits your schedule.
Vintage Technology!

Contributed by Prof. Stephen Richter
Tech Trivia: 
Sponsored by the Student Services Inc (SSI)

The winner will be chosen at random from those submitting all correct answers to Dr. Fabrey at jfabrey@wcupa.edu within 24 hours of the appearance of this issue of Tech Notes. Prize will be determined and awarded by SSI.

1. The forerunner of NASA was created 100 years ago – in 1915. What was its name and in what year was it replaced by NASA?

2. What cartoonist is often credited with being the father of animation for his short video on the sinking of the Lusitania in 1915, long before Walt Disney’s animation of Mickey Mouse?

3. In 1915, for the first time in history, a wireless (radio) phone message was sent across the Atlantic Ocean. What two cities were connected and on what day?

Answers to the Tech Notes Winter 2015 contest: 1. The Motorola 6800 was the first microprocessor for which the “Halt and Catch Fire” instruction became widely known; 2. The iPhone became commercially available (2007) before the Android phone (2008); 3. The Autographic system was announced by Kodak 100 years ago to place text in the margin of a photo. Winner: Autumn Walden!!!
## Contact Information

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<tr>
<td><strong>IT Help Desk</strong></td>
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<td><strong>x3350 21 Anderson</strong></td>
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## VICE PRESIDENT’S OFFICE

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<tr>
<td>Executive Director</td>
<td>JT Singh</td>
<td>x2828</td>
<td>023</td>
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<tr>
<td>Special Assistant</td>
<td>James Fabrey</td>
<td>x3228</td>
<td>150</td>
<td>25UNA</td>
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## DIVISION CONTACTS

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<tr>
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<td>x3397</td>
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<td>Teresa Hudson</td>
<td>x4135</td>
<td>006</td>
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