





To: All University Faculty and Staff

From: Dr. Tim Gilmour
President

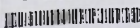
Date: October 24, 2003

Re: Information Technology Changes

Dr. Fred Sullivan has decided to return to teaching full-time as associate professor of Computer Science beginning in the Spring semester. So that he can prepare for his teaching, he will step down from his position as dean of technology immediately. Although we are sorry to lose him in an administrative capacity, we are delighted to see him return to the classroom.

I am deeply grateful for all Fred has done to improve the University's information technology over the past three years as dean. He has been instrumental in developing the University's Comprehensive Technology Master Plan, has moved us to a higher level of sophistication in the use of information technology, and has developed the infrastructure necessary to support our growth.

Day to day information technology operations will be handled on an interim basis by information technology director Jim Lennox, who will be working with Scott Byers to assess our long-range technology structure and needs.



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New Windows XP makes building a secure VPN easy

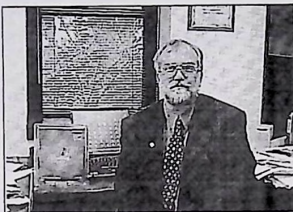
By Leigh Ann M. Jacobson

Since its retail debut Oct. 25, some shopkeepers are having trouble keeping store shelves stocked with Microsoft Corporation's newest operating system, Windows XP.

Growing worldwide consumer demand for Windows XP has led to sales that are exceeding initial sales of Windows 95 and Windows Millennium Edition (Windows Me) and are keeping pace with initial sales of Windows 98. This new operating system (OS) claims to be to be significantly more reliable, more compatible, and also vows to do everything faster — start faster, launch applications faster, and create content faster.

Windows XP combines Windows 98's and Me's aptitude for running games and legacy hardware with Windows 2000's more stable and manageable kernel. It includes features — like an improved media player, built-in instant messaging, direct support for recordable optical drives, strong integration with Microsoft's Web authentication service Passport, and links to other Microsoft Web services.

The new OS has a variety of changes. The redesigned interface is simpler and cleaner. Multiple users now can share a single machine more easily. Each user can maintain their own preferences, and switching among users is fast and simple.



Dr. Fred Sullivan, dean of technology at Wilkes University, explains "a VPN sets up a logical point-to-point connection (an IP tunnel) between two sites. Packets of data with proprietary protocols can be encapsulated in IP packets as they enter the tunnel, and unpacked as they leave it...this allows the secure transmission of data through networks managed by arbitrary providers and eliminates the need for leased transmission lines."

Photo by Leigh Ann Jacobson

With Windows XP, the architecture has also changed. One of the most notable changes is an improvement in the way Windows detects and uses device drivers—an attempt to make the operating system more stable. In addition, the new OS contains a controversial product activation scheme that deters users from installing one copy on multiple

machines. If you upgrade to Windows XP you must contact Microsoft via either the Internet or telephone to unlock the program. Another feature within Windows XP is IP Security (IPSec), which helps protect data transmitted across a network. IPSec is an important part of providing security for virtual private networks (VPNs), which allow organizations to transmit data securely over the Internet.

Dr. Fred Sullivan, dean of technology at Wilkes University, explains "a VPN sets up a logical point-to-point connection (an IP tunnel) between two sites. Packets of data with proprietary protocols can be encapsulated in IP packets as they enter the tunnel, and unpacked as they leave it. Furthermore, they can be encrypted for security on entering the tunnel and decrypted as they leave it. This allows the secure transmission of data through networks managed by arbitrary providers and eliminates the need for leased transmission lines."

In this context, IP VPNs have emerged as the key factor allowing enterprises to use the public or private Internet for secure and cost-effective networking. The explosive growth of the Internet has encompassed the corporate sector and is inexorably transforming business processes and transactions.

In an analyst report entitled *IP Service Devices: Living on the Edge* by The Yankee Group, published Aug. 1 they report the market for network-based IP VPNs is expected to grow to \$2.1 billion by the year 2005.

According to Sullivan, setting up a VPN, whether with Windows XP or not, is one way to protect business data and financial transactions.

"Wilkes University currently has a few computers with Windows XP installed on them, but we are still reviewing when and if the entire campus should move to the new operating system," states Sullivan.

If you are planning on purchasing or upgrading to Windows XP, you can choose from two flavors: Home and Professional. Both editions of Windows XP will be available at retail in upgrade and standard versions.

Windows XP Home Edition is designed for individuals or families and includes experiences for digital photos, music and video, home networking, and communications.

Windows XP Professional includes all the features of Home Edition, plus remote access, security, performance, manageability and multilingual features to help users improve productivity and connectivity, and work even smarter. Windows XP Professional includes networking and other features that make it ideal for business and advanced home computing.

What's New in Windows XP:

- New user interface;
- Improved tools for managing multimedia files;
- New system utilities, such as remote assistance;
- New multimedia programs, including Windows Media Player 8.0 and Windows Movie Maker;
- New Internet tools, such as Internet Explorer 6 and Windows Messenger;
- Improved multiuser support and fast user switching;
- Built-in Internet connection firewall; and
- Improved home networking tools like the network setup wizard.

Windows XP Professional only:

- Multiprocessor support;
- Mobile and remote desktop features;
- Support for offline files and folders;
- Administrative features, such as group policy administration, roaming user profiles, and remote software installation; and
- Encrypting file system.

List prices:

- Windows XP Home Edition, \$199; upgrade from Windows 98, 98 SE, or Me, \$99.
- Windows XP Professional Edition, \$299; upgrade from Windows 98, 98 SE, Me, NT, \$199.

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Sullivan named associate dean of new Wilkes U. department

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Wilkes University announces the appointment of Dr. Fred Sullivan of Lehman as associate dean of the newly-formed College of Arts, Science and Professional Studies.

In May, Wilkes University's Board of Trustees approved a long-range plan designed by a Strategic Planning Committee to focus the University's strengths and improve the quality of education for its students.

In accordance with this plan, the former School of Liberal Arts and Human Sciences; School of Science and Engineering; and the School of Business, Society and

Public Policy were combined to form the new College.

Sullivan is an associate professor of mathematics and computer science at Wilkes, received his undergraduate, master's and doctoral degrees in mathematics from Louisiana State University.

In addition to serving as associate dean and associate professor, Sullivan is the coordinator of the computer science laboratory at Wilkes.

Sullivan has published a number of works on his current research - multitrajectory techniques in military simulation - which he's presented at military symposiums and conferences throughout the United States.

Sullivan will serve a two-year term and may apply for permanent status which will begin in the year 2000.



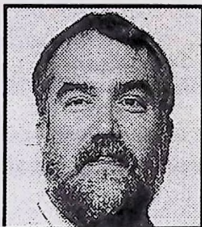
DR. FRED SULLIVAN

BACK Mt. T.L. 9-17-98

Lehman Twp. man associate dean of new Wilkes University college

Dr. Fred Sullivan of Lehman Township has been appointed as associate dean of Wilkes University's newly-formed College of Arts, Sciences and Professional Studies, the university announced.

In May, Wilkes University's board of trustees approved a long-range plan designed by a strategic planning committee to focus the university's strengths and improve the quality of education for its students.



In accordance with this plan, the former School of Liberal Art and Human Science, School of Science and Engineering, and the School of Business, Society and Public Policy were combined to form the new college.

Sullivan, an associate professor of mathematics and computer science at Wilkes, received his undergraduate, master's and doctoral degrees in mathematics from Louisiana State University.

In addition to serving as associate dean and associate professor, Sullivan is the coordinator of the computer science laboratory at Wilkes.

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Sullivan will serve a two-year term and may apply for permanent status which will begin in the year 2000.

Wilkes University appoints two new deans

Wilkes University recently announced the appointment of Dr. Bonnie C. Bedford, Wilkes-Barre, as dean of the newly formed College of Arts, Sciences and Professional Studies and Dr. Fred Sullivan of Lehman as associate dean.

In May, Wilkes University's board of trustees approved a long-range plan designed by the a strategic planning committee to focus the university's strengths and improve the quality of education for its students.

In accordance with this plan, the former school of Liberal Arts and Human Sciences, the School of Science and Engineering and the School of Business, Society and Public Policy were combined to form the new college.

"The changes have stimulated new thinking and the desire to move ahead quickly to reap the potential benefits in the reorganization set in motion by the recommendations of the strategic planning committee," said Wilkes president, Dr. Christopher N. Breiseth.

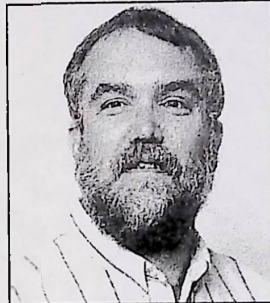
Bedford, an associate professor of English at Wilkes, graduated magna cum laude with a bachelor of arts in English and theater arts from Waynesburg College. She also received a master's and doctoral degree in English from SUNY-Binghamton.

Her work as a writer/producer of the screenplay "Sniper" was recognized in the Sundance Institute's Feature Film Development program of which she was a semi-finalist. "Sniper" premiered at the T. Schreiber Studio, New York City and was performed at Wilkes under the direction of Adam Hill and Bobby Zamoski. Bedford also earned semi-finalist honors with her production of "Group SOS" and "Watch Fires".

In recognition of her many achievements in the theatre industry and in the classroom, Bedford was inducted into Beta Sigma Chapter of Delta Kappa Gamma, the international honorary soci-



Dr. Bonnie C. Bedford



Dr. Fred Sullivan

ety for women educators.

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In addition to serving as associate dean and associate professor, Sullivan is the coordinator of the computer science laboratory at Wilkes.

Sullivan has published a number of works on his current research - multitrajectory techniques in military simulation - which he's presented at military symposiums and conferences throughout the United States.

Deans Bedford and Sullivan will serve two-year terms and may apply for permanent status which will begin in 2000.

CV 9-3-98

Corporate Ladder

Hirings/ Promotions

Wilkes University: Bonnie C. Bedford of Wilkes-Barre and formerly of Windsor, N.Y., has been named dean, and Fred Sullivan of Lehman Township has been named associate dean of the new College of Arts, Sciences and Professional Studies.

The college was formed in May as part of a long-range plan designed to focus the university's strengths and improve education. It is composed of the former School of Liberal Arts and Human Sciences; School of Science and Engineering; and School of Business, Society and Public Policy.

Bedford, an associate professor of English, earned a bachelor's degree in English and theater arts from Waynesburg College and master's and doctoral degrees in English from the State University of New York at Binghamton.

She was named a semi-finalist in the Sundance Institute's Feature Film Development Program for her work as a writer/producer of the screenplay "Sniper."

The play premiered at the T. Schreiber Studio, New York City, and was performed at Wilkes.

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Sullivan, an associate professor of mathematics and computer science, received bachelor's, master's and doctoral degrees in mathematics from Louisiana State University.

He also is coordinator of the Wilkes computer science laboratory.

He has published and presented works on his current research, multi-trajectory techniques in military simulation.

Bedford and Sullivan will serve a two-year term and may apply for permanent status, which would begin in the year 2000.

First National Bank of Berwick: Leona Luongo has been named assistant vice president and Wilkes-Barre sales manager in the Hanover Township office.

She holds an associate's degree in business administration from King's College and has completed



Bonnie C. Bedford



Fred Sullivan



Leona Luongo



Dr. Theodore D. Conliffe Jr.



William C. Kashatus III



John N. Grochowski

courses from the American Institute of Banking and Penn State University.

A Wilkes-Barre resident, she has 30 years of banking experience.

Northeastern Rehabilitation Associates: Dr. Theodore D. Conliffe Jr. has joined the practice of physical medicine and rehabilitation.

A graduate of Georgetown University in Washington, D.C., and the Hahnemann University School of Medicine in Philadelphia, he completed an internship in internal medicine at Lehigh Valley Hospital in Allentown.

He was trained in anesthesiology at Northwestern Memorial Hospital in Chicago and completed a residence in physical medicine and rehabilitation at the University of Chicago/Schwab Rehabilitation Hospital.

He is certified by the National Board of Medical Examiners.

His office is located at John Heinz Institute of Rehabilitation Medicine, 150 Mundy St., Wilkes-Barre.

Chester County Historical Society: Wilkes-Barre native William C. Kashatus III, an author, teacher and interpreter of living history, has been named director of public programs.

A graduate of Earlham College in Richmond, Ind., he earned a master's degree in American history at Brown University and a doctorate in American history from the University of Pennsylvania.

He began his career in private school education, teaching American and European history, ancient civilization, Quakerism, ethics and comparative religion. He also coached baseball and men's and women's soccer at Haverford College and other private schools.

He also worked as a National Park Service Ranger at Independence and Valley Forge National Historical Parks and, for the past decade, has merged fact and

fiction, masquerading as "Doctor K," an actor/historian, who presents an array of historic characters.

He is a Paoli resident.

Old Forge Bank: John N. Grochowski has been named vice president of indirect retail lending.

He brings more than 10 years experience in banking services to his new position. He is a graduate of Wilkes University, where he earned a bachelor's degree in business administration.

He is a Forty Fort resident.

Certifications

Sandvik Steel: The Welding and Wire Division has received QS-9000 certification for manufacture of specialty wire in the Waverly facility.

QS-9000 is a set of quality system requirements developed by Chrysler, Ford and General Motors as a common supplier quality standard.

Although Sandvik was not required to earn the certification this year, it did so voluntarily and earned approval on its initial assessment — an achievement that occurs less than 50 percent of the time.

Sandvik has been located in Waverly since 1971 and employs more than 300.

Mike Stabile Home Inspections: Michael Stabile has received a renewal of the certified home inspector designation of the Home Inspection Institute of America.

He attended a home inspection course in 1997 at the institute in Yalesville, Conn. His office is in Albrightsville.

Wilkes University: The instructional technology program has been certified by the state Department of Education.

The university earned the certification after customizing its Master of Education program with a concentration in educational computing into a new instructional

technology degree program.

The new Master's degree program consists of 30 graduate credits and a three-credit internship. Certification with the degree requires 24 credits.

Students who completed a master's degree in instructional technology from another college or university and wish to become certified, may pursue the certification through testing and portfolio assessment. Only courses which fulfill areas of need in a student's instructional technology background will be accepted.

Wilkes University News

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Bedford and Sullivan Named New Deans At Wilkes University (Editors: Note your coverage area)

WILKES-BARRE --Wilkes University announces the appointment of Dr. Bonnie C. Bedford, of Wilkes-Barre (formerly of Windsor, N.Y.), as dean of the newly-formed College of Arts, Sciences and Professional Studies and Dr. Fred Sullivan, of Lehman, Pa., as associate dean.

In May, Wilkes University's Board of Trustees approved a long-range plan designed by a Strategic Planning Committee to focus the University's strengths and improve the quality of education for its students.

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-MORE-

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-MORE-

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Photo #1: Dr. Bonnie C. Bedford, dean of the College of Arts, Sciences and Professional Studies

Photo #2: Dr. Fred Sullivan, associate dean of the College of Arts, Sciences and Professional Studies



'Weemote' lets kids surf only pre-set channels.

PARENTING, 5D

'The Brothers Garcia' speaks!

TELEVISION, 8D

SECTION D

TIME READER

FAMILY

◆ TRENDS

Online in the dorm

Students bring variety of high-tech devices

By JEN WATERS
jenwaters@leader.net

Less than a generation ago, a fully outfitted college student might arrive on campus with a cube-size refrigerator, stereo and typewriter.

The belongings packed into area college dorms and apartments this past week have been decidedly more elaborate but no less essential to the lifestyle of the day.

For their existence, this generation of students depends upon laptops, printers, scanners, e-mail, the Internet, cell phones, pagers and Palm Pilots.

Not to mention the three-disk CD changers with six speakers and a sub woofer, large-screen TVs, VCRs, DVDs, microwaves, microfridges and answering machines that have become as standard as the black-and-white TV used to be.

Gone are the days of simple pencil and paper. Even typewriters have become obsolete.

Eighteen-year-old Jeff Michalek of Nanticoke, a freshman at King's College, keeps in touch with his high school friends with a Logitech quick cam which connects to his laptop.

"You can send an e-mail, and the camera will broadcast live through the e-mail. If I'm at my computer at the same time as a friend, I can talk to him or her," said Michalek, as he points to the object, sitting next to his orange Sony cordless phone.

"You can also make a movie and send it as an e-mail, or you can send still pictures. If someone doesn't have a camera, you can still send them the pictures, but they won't be able to send them to you. I hope this will cut down on my long-distance phone bill."

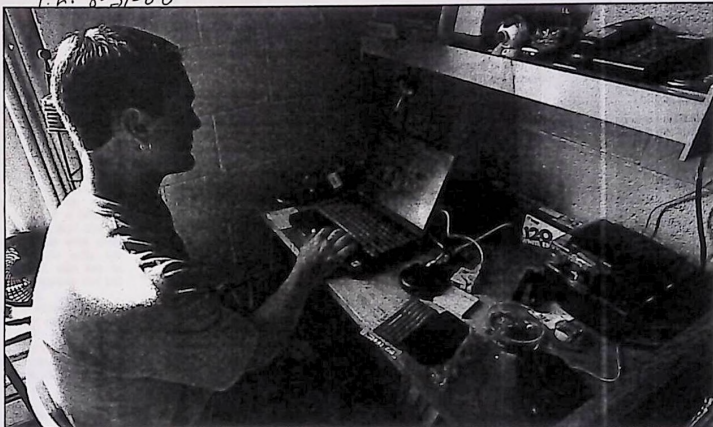
"My roommate and I both have computers," said Katie Broderick of Hazleton, an 18-year-old freshman at King's College, standing next to her Systemax Global computer and Lexmark printer. "Mine has a CD rewritable, a DVD, and the ability to speak to it and it will type for you. It has sound as good as a high-quality CD player."

Catherine Bonin, an 18-year-old freshman at King's, bought a cell phone at the suggestion of her mother.

"I'll use it for emergencies and

For today's students, laptops, printers, scanners, e-mail, cell phones, pagers and Palm Pilots are essentials.

T.H. 8-31-00



Jeff Michalek, a freshman criminal justice major from Nanticoke, hooks up his quick cam in Holy Cross Hall at King's College. Michalek finds the device useful for keeping in touch with friends.

when I ride home in the car," said Bonin, referring to her red Nokia. "I have free nights and weekend if I need to call home."

Terrence Mech, the vice president for information and instructional technologies and director of the library at King's College, said the technology students bring to campus saves labor.

"We have a growing number of professors who use the Internet in the classroom," said Mech. "We provide a number of lab computers, but it's easier if you have your own. You can do your studies in the wee hours of the morning or wee hours of the night."

Mech said King's was named among the nation's top 100 colleges in Yahoo! Internet Life's "Most Wired College" survey. It ranked 87 among the 502 colleges and baccalaureate schools that emphasize undergraduate programs.

King's ranked high in the categories of accessibility to the Internet from the residence halls, in the number of wired classrooms and in



the percentage of new equipment. All residence halls are fully wired with cable television and individual network and telephone connections. Every student has a King's College e-mail account.

Part of the reason we do this is to anticipate the world and work place, to prepare them for what

Neil Troplano, a freshman sports medicine major from Philadelphia, carries his computer screen with his father Al into Holy Cross Hall at King's College. Like other students, Troplano uses a computer to aid him in his studies.

Making a connection

More than half of college freshmen in 2000 (53 percent) are bringing a laptop or personal computer to college, compared to only 13 percent in 1990.

Nearly one out of five (17 percent) of this year's college freshmen will register for classes on their school's Web site or via e-mail. Only 4 percent of freshmen registered online in 1990.

The telephone was, and still is, the most popular way for freshmen to keep in touch with family and friends (78 percent in 1990 and 80 percent in 2000). However, more than half (51 percent) of new freshmen will touch base with friends via e-mail, versus only 7 percent of 1990 college freshmen.

Courtesy of Best Buy, Eden Prairie, Minn.

Fridays, St. Ignace Church, Jergan Hall, 335 N. Maple Ave., Kingston, 10 a.m. Saturdays, experience, strength and hope meeting, Salvation Army, 123 Hazle St., Wilkes-Barre, 7 p.m. Saturdays, Holy Trinity Lutheran Church, Wyoming Avenue and Bennett Street, Kingston, 10 p.m. Sundays, Westminster Presbyterian Church, Hanover and Westminster streets (basement entrance), Wilkes-Barre, 6 p.m. Sundays, Good Shepherd Lutheran Church, 190 S. Main St., Wilkes-Barre, and 8 p.m. Sundays, Holy Trinity Lutheran Church, 1000 Main St., Wilkes-Barre, 6 p.m. Sundays, Grace Episcopal Church, Butler Street, Kingston, call Barbara, 824-7229; and 10-11:30 a.m. Saturdays, First Presbyterian Church, Warren Street and Center Avenue, Exeter, call Marilyn, 655-2532.

OVEREATERS ANONYMOUS: Northeastern Pennsylvania Overeaters Anonymous, 8-9 p.m. Thursdays, Grace Episcopal Church, Butler Street, Kingston, call Barbara, 824-7229; and 10-11:30 a.m. Saturdays, First Presbyterian Church, Warren Street and Center Avenue, Exeter, call Marilyn, 655-2532.

RELATIONSHIP SUPPORT GROUP: Recovery program based on the 12 steps for people who have difficulty with relationships, Co-dependents Anonymous, 6:30 p.m. Fridays, St. Patrick's Church, 1407 Jackson St., West Scranton, Call Mary Ann, 342-7429.

TEEN CHILD BIRTH: Prenatal classes for ages 19 and younger, begins 7:30 p.m. Thursday, Mercy Medical Arts Building, lower-level, Church Street, Wilkes-Barre. To register, call 826-3685.

YALKERS: Meet for fun, friendship and exercise, 2 p.m. Thursday, front of the Lee Park over Senior Center, Call 822-254.

FEIGHT LOSS SUPPORT: Take 10 Pounds Sensibly, 6 p.m. Thursdays, weigh-in 6 p.m., haverstown United Methodist church, 163 N. Pioneer Ave., haverstown, Kingston Township, all Carol, 639-2471, or Rosalie, 79-5803; weigh-in 6:45 p.m. Thursdays, meeting follows at haverstown United Methodist church, Wyoming Avenue, Kingston; weigh-in at 8:30 a.m. Fridays, meeting follows weigh-in, St. John's Lutheran Church, corner of Academy and South River streets, Wilkes-Barre, call Peggy, 287-0904; 5:45-6:15 p.m. Fridays, West Wyoming Municipal Building, 464 W. Eighth St.; and meeting 7:30 p.m. Fridays, weigh-in 6:45-7:15 p.m., Wyoming Methodist Church, Wyoming Avenue.

Monday

AL-AHON: 7 p.m., Nesbitt Hospital classroom, Kingston, call 829-1341; 11:15 p.m., St. Jude's Church school, Mountaintop.

HADD: Children and Adults with Attention Deficit Disorders of Luzerne County Support Group, 7-9 p.m., third-floor parent-teacher room, Luzerne Intermediate Unit, Fioga Avenue, Kingston. Call 675-3700.

DEPENDENCY SUPPORT: 7 a.m., board room, Mercy Special Care Hospital, 128 W. Washington St., Nanticoke, Call Gloria, 735-2413.

DOWN SYNDROME SUPPORT GROUP: Parents for Parents, a support group for parents of children with Down syndrome, 7 p.m. For meeting location, call 714-6320, days, or 825-9995, evenings.

ONLINE

Continued from 1D

they will find after graduation," said Mech. "It's been done over a period of time, costing thousands and thousands of dollars."

King's is not the only college where students are technologically savvy.

Barbara Brazen, instructional design specialist at Penn State Wilkes-Barre in Lehman Township, said she is impressed with the level at which students have mastered the current technology.

"A couple years ago, you were lucky if you saw students who knew Microsoft Word and Power Point. Now one of them have their own Web pages. Students seem to be enjoying it and showing a real interest in the classes with

technology."

Some classes have online chats for students, said Brazen.

"The teacher acts as a monitor in the chat room. Students are graded on their activity and participation."

"I made my own Web page for computer literacy," said John Sanderson of Scranton, a 20-year-old junior from the University of Scranton. "I put my assignments on the Web page and send my professors a link in an e-mail."

Allisa Bowen of Schuylkill Haven, a 19-year-old sophomore at Wilkes University, said she couldn't exist at college without her technology.

"Everything we turn in has to be typed. I use the Internet for research," said Bowen. "By the time I get to pharmacy school, hopeful-

ly, I can take my lap top into lecture and download the notes. I get some of my notes like that already."

Fred Sullivan, the dean of technology at Wilkes University, said every dorm room on the campus is wired for Internet service, but he believes the network is getting slower all the time.

"We believe the problems are due to Napster, the music trading service. A lot of universities are struggling with this. Trading music uses up a lot of the network," said Sullivan. "Every university is going to have to continually upgrade the speed of their network."

Jerome DeSanto, associate provost for information resources at the University of Scranton, said his campus has begun to move in the direction of a wireless network. "That way you can hook into

the network without actually plugging into a wall," said DeSanto. "It frees you from being tied down."

Mike Mirabito, the assistant to the vice president of academic affairs dealing with information technology at Marywood University, said the school is venturing into the land of compressed video.

"You can see the teacher on the screen, and the teachers can see the students," Mirabito said.

"That's done outside the Internet."

If you want to be a successful college student, it seems students and parents have no choice but to invest in the changing technology.

"Students are going out into a very digital world. These devices are no longer a luxury," said Mech of King's College. "They aren't toys anymore. They are not extras, but necessities."

READING

Continued from 1D

Mouse," by Peter Barnes.

Books to Buy

"Tell a Bunny," written and illustrated in color by Nancy Elizabeth Wallace. Wiaslow Press, 36 pages, \$15.95 hardcover.

Read aloud: 4 and older
Read yourself: 10 and older
Remember playing, wisecracking-down-the-lane? That's what this sensational book reminds me of, with a fresh new approach.

Sunny is planning a birthday party for her brother, Earl. She decides she needs help with party preparations, so she calls her friend, Gloria, and asks her to phone the other bunnies and tell them what to bring.

Sunny quickly explains her list, but Gloria doesn't write anything down.

When Gloria calls Libby to pass the information along and establish a phone chain, Gloria gets the message mixed up. Libby hears what Gloria says, but she doesn't write anything down either, and her subsequent phone call passes along the wrong information plus the new version that Libby has to tell.

And so it goes, down the line—one misinterpreted message after another. Like gossip, every time the story is passed from one person to another, it changes a bit with each retelling. Luckily, the party does happen, but with a few surprising hitches for everyone.

Although this story ends on a positive note, it acts as an excellent springboard for further conversation with children about accurate communication and how many things we hear can be blown quite out of proportion.

Illustrated with bright cut paper illustrations that provide a three-dimensional quality, this book is as visually delightful as it is educational.

"Stargirl," by Jerry Spinelli. Alfred A. Knopf, 186 pages, \$15.95 hardcover

Read aloud: 10 and older

Read yourself: 10 and older

When Stargirl arrives at Mica High School, the student body is buzzing with questions. Why does she dress the way she does? Why does she have a pet rat, carry a ukulele, and sing "Happy Birthday" to people in the cafeteria (and how does she know it's their birthday, anyway?)

Although Stargirl is completely different from anyone they've ever met, the students begin to like her and are propelled into a new school spirit they've never experienced.

A tense, emotional story about nonconformity, peer pressure, popularity and the thrill of first love, this outstanding book provides important lessons for adolescents on a variety of levels.

E-mail syndicated columnist Kenal Rautzhan at kenal@sunlink.net

THIS WEEK IN PEANUTS HISTORY

AUGUST 11, 1973

Lucy roots for Hank Aaron.

PEANUTS



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Hirings/ Promotions

Wilkes University: Bonnie C. Bedford of Wilkes-Barre and formerly of Windsor, N.Y., has been named dean, and Fred Sullivan of Lehman Township has been named associate dean of the new College of Arts, Sciences and Professional Studies.

The college was formed in May as part of a long-range plan designed to focus the university's strengths and improve education. It is composed of the former School of Liberal Arts and Human Sciences; School of Science and Engineering; and School of Business, Society and Public Policy.

Bedford, an associate professor of English, earned a bachelor's degree in English and theater arts from Waynesburg College and master's and doctoral degrees in English from the State University of New York at Binghamton.

She was named a semi-finalist in the Sundance Institute's Feature Film Development Program for her work as a writer/producer of the screenplay "Sniper."

The play premiered at the T. Schreiber Studio, New York City, and was performed at Wilkes.

She also earned semi-finalist honors for her productions of "Group S.O.S." and "Watch Fires."

Sullivan, an associate professor of mathematics and computer science, received bachelor's, master's and doctoral degrees in mathematics from Louisiana State University.

He also is coordinator of the Wilkes computer science laboratory.

He has published and presented works on his current research, multi-trajectory techniques in military simulation.

Bedford and Sullivan will serve a two-year term and may apply for permanent status, which would begin in the year 2000.

First National Bank of Berwick: Leona Luongo has been named assistant vice president and Wilkes-Barre sales manager in the Hanover Township office.

She holds an associate's degree in business administration from King's College and has completed



Bonnie C. Bedford



Fred Sullivan



Leona Luongo



Dr. Theodore D. Conliffe Jr.



William C. Kashatus III



John N. Grochowski

courses from the American Institute of Banking and National State University.

A Wilkes-Barre resident, she has 30 years of banking experience.

Northeastern Rehabilitation Associates: Dr. Theodore D. Conliffe Jr. has joined the practice of physical medicine and rehabilitation, a graduate of Georgetown University in Washington, D.C., and the Hahnemann University School of Medicine in Philadelphia, he completed an internship in internal medicine at Lehigh Valley Hospital in Allentown.

He was trained in anesthesiology at Northwestern Memorial Hospital in Chicago and completed a residence in physical medicine and rehabilitation at the University of Chicago/Schwab Rehabilitation Hospital.

He is certified by the National Board of Medical Examiners. His office is located at John Heinz Institute of Rehabilitation Medicine, 150 Mundy St., Wilkes-Barre.

Chester County Historical Society: Wilkes-Barre native William C. Kashatus III, an author, teacher and interpreter of living history, has been named director of public programs.

A graduate of Earlham College in Richmond, Ind., he earned a master's degree in American history at Brown University and a doctorate in American history from the University of Pennsylvania.

He began his career in private school education, teaching American and European history, ancient civilization, Quakerism, ethics and comparative religion. He also coached baseball and men's and women's soccer at Haverford College and other private schools.

He also worked as a National Park Service Ranger at Independence and Valley Forge National Historical Parks and, for the past decade, has merged fact and

fiction, masquerading as "Doctor K," an actor/historian, who presents an array of historic characters.

He is a Paoli resident.

Old Forge Bank: John N. Grochowski has been named vice president of indirect retail lending.

He brings more than 10 years experience in banking services to his new position. He is a graduate of Wilkes University, where he earned a bachelor's degree in business administration.

He is a Forty Fort resident.

Certifications

Sandvik Steel: The Welding and Wire Division has received QS-9000 certification for manufacture of specialty wire in the Waverly facility. QS-9000 is a set of quality system requirements developed by Chrysler, Ford and General Motors as a common supplier quality standard.

Although Sandvik was not required earn the certification this year, it did so voluntarily and earned approval on its initial assessment — an achievement that occurs less than 50 percent of the time.

Sandvik has been located in Waverly since 1971 and employs more than 300.

Mike Stabile Home Inspections: Michael Stabile has received a renewal of the certified home inspector designation of the Home Inspection Institute of America.

He attended a home inspection course in 1997 at the institute in Yalesville, Conn. His office is in Albrightsville.

Wilkes University: The instructional technology program has been certified by the state Department of Education.

The university earned the certification after customizing its Master of Education program with a concentration in educational computing into a new instructional

technology degree program.

The new Master's degree program consists of 30 graduate credits and a three-credit internship. Certification with the degree requires 24 credits.

Students who completed a master's degree in instructional technology from another college or university and wish to become certified, may pursue the certification through testing and portfolio assessment. Only courses which fulfill areas of need in a student's instructional technology background will be accepted.

Wilkes University appoints two new deans

Wilkes University recently announced the appointment of Dr. Bonnie C. Bedford, Wilkes-Barre, as dean of the newly formed College of Arts, Sciences and Professional Studies and Dr. Fred Sullivan of Lehman as associate dean.

In May, Wilkes University's board of trustees approved a long-range plan designed by the strategic planning committee to focus the university's strengths and improve the quality of education for its students.

In accordance with this plan, the former school of Liberal Arts and Human Sciences, the School of Science and Engineering and the School of Business, Society and Public Policy were combined to form the new college.

"The changes have stimulated new thinking and the desire to move ahead quickly to reap the potential benefits in the reorganization set in motion by the recommendations of the strategic planning committee," said Wilkes president, Dr. Christopher N. Breiseth.

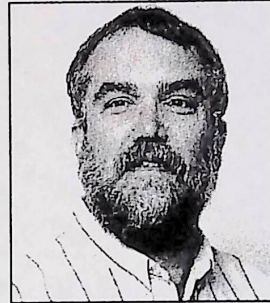
Bedford, an associate professor of English at Wilkes, graduated magna cum laude with a bachelor of arts in English and theater arts from Waynesburg College. She also received a master's and doctoral degree in English from SUNY-Binghamton.

Her work as a writer/producer of the screenplay "Sniper" was recognized in the Sundance Institute's Feature Film Development program of which she was a semi-finalist. "Sniper" premiered at the T. Schreiber Studio, New York City and was performed at Wilkes under the direction of Adam Hill and Bobby Zamerowski. Bedford also earned semi-finalist honors with her production of "Group SOS" and "Watch Fires".

In recognition of her many achievements in the theatre industry and in the classroom, Bedford was inducted into Beta Sigma Chapter of Delta Kappa Gamma, the international honorary swoci-



Dr. Bonnie C. Bedford



Dr. Fred Sullivan

ety for women educators.

Sullivan, an associate professor of mathematics and computer science at Wilkes, received his undergraduate, master's and doctoral degrees in mathematics from Louisiana State University.

In addition to serving as associate dean and associate professor, Sullivan is the coordinator of the computer science laboratory at Wilkes.

Sullivan has published a number of works on his current research - multitrajectory techniques in military simulation - which he's presented at military symposiums and conferences throughout the United States.

Deans Bedford and Sullivan will serve two-year terms and may apply for permanent status which will begin in 2000.

CV 9-3-98

Wilkes University News

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Wilkes University Receives \$246,688 for Link-to-Learn Initiative (Editors, Note Connection to Your Coverage Area)

Wilkes-Barre -- Wilkes University was recently awarded \$246,688 from Governor Tom Ridge's Year 2000 Link-to-Learn Initiative, *Information Technology Workforce Development*. Grant funds will be used to address issues related to the declining number of female junior high school students interested in and prepared for the study of computer science.

The grant will help support faculty professional development to strengthen effective teaching practice at the middle school through university levels; outreach to a targeted population of female middle-school students; and increased interaction and partnering with businesses that rely on Information Technology (IT).

The Wilkes project "emerged from a competitive process that included review and scoring by a team of Link-to-Learn representatives from five universities and an intermediate unit," said John Bailey, Director, Office of Educational Technology, Department of Education, in Harrisburg.

-MORE-

1st Add: Wilkes Receives \$246,688 for Link-to-Learn Technology Initiative

A primary objective of the Wilkes proposal is to increase responsiveness at all levels of instruction to learning style differences that impact interest and proficiency in the study of computer science.

Through its project, Wilkes hopes to increase attention and academic readiness of middle school girls from partnering districts from Intermediate Unit 18. Enlisting the support of parents in encouraging their daughters to pursue this field of study is also an objective of the proposal. The project will serve approximately 3,000 middle school girls, though all students in participating schools will benefit from the increased interest in pedagogy (preparatory instruction or training) that is a key part of the project.

Thirty middle school girls from participating schools will have the additional benefit of participation in a computer science summer camp experience. The grant will fund the initial year of the camp in 2001 and the development costs of an interactive computer science website that will continue to evolve as an ongoing Wilkes University project after the funding period ends.

Another objective of the program is to increase interaction between Wilkes and participating regional schools through a mutual commitment to professional development and through a shared effort to recruit girls to participate in this project.

-MORE-

2nd Add: Wilkes Receives \$246,688 for Link-to-Learn Technology Initiative

The chief advantage of these partnerships is that they will bring together two groups of faculty who rarely have the opportunity to professionally interact. This interaction will yield insights that lead to better teaching and better learning. Wilkes has developed partnerships with the following school districts — Crestwood, Dallas, Hanover Area, Hazleton Area, Lake-Lehman, Tunkhannock, Wyoming Area, Wyoming Valley West, United Hebrew Institute, the Scranton Diocese Schools and Wyoming Seminary Lower School.

The project also aims to increase interaction among local businesses, Wilkes, and the community through direct participation in the project. Industry partners include Blue Cross of Northeastern Pennsylvania, Diversified Information Technologies, Inc., Fleet Pennsylvania Services, Inc., Guard Insurance Group, Nabisco Brands, Inc., and Sallie Mae. These partnerships are vital to providing students with a wide exposure to the opportunities for interesting work in the IT field, both through facility tours and by providing guest speakers at events related to the project.

In the first year, Information Technology Workforce Development funds across the state will directly serve more than 8,400 prospective and current IT students, more than 250 higher education faculty, and 2,600 Pennsylvania K-12 students and teachers.

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Photo:

Seated left to right - Dr. Barbara Bracken, from Brackney, assistant professor, Math & Computer Science; Anne Pelak, from Kingston, coordinator, Corporate, Foundation and Government Relations

Standing left to right - Dr. John W. Harrison, from Kingston, assistant professor, Math & Computer Science; Dr. John A. Koch, from Shavertown, professor, Math & Computer Science; Dr. Frederick J. Sullivan, from Lehman, associate dean, College of Arts, Sciences & Professional Studies/associate professor, Math & Computer Science; Dr. Anthony Kapolka, from Dallas, assistant professor, Math & Computer Science



Valley searches for workers to fill high-tech jobs



KRT ILLUSTRATION: ANA LARRAURI

For many students, hottest career track does not compute

By BRIAN MALINA

Times Leader Staff Writer

WILKES-BARRE — The jobs are challenging, high-paying and easy to find. So why aren't students breaking down the doors at area colleges to earn computer-related degrees?

The answer depends on who you ask. Some education experts say the difficult course load holds enrollments down. Some blame a fear of computers and math anxiety. Still others think it's simply a communication problem.

"We found that students don't know what someone with a degree in management information systems does. They can't relate to it like accounting or physical therapy something that's well defined," says Fred

Area companies looking for technically skilled

The following shows what percentage of area companies are seeking employees for various computer-related skills.

Life cycle development methodology	15%
Network Skills	12%
COBOL	9%
RPG IV	6%
Windows 95/NT	6%
* Other	52%

* Includes one or more of the following: AIX, C++ Programming, client/server technology, database management, Excel, Lotus Notes, Oracle, PC-based application skills, personal communication skills, call center voice recognition technology, NS elite software, Internet/intranet, e-mail, PC support skills, OS/390, telecommunications, Unix, visual basic development.

Source: Survey by the Greater Scranton Chamber of Commerce and Greater Wilkes-Barre Chamber of Business and Industry.

New local partners: Business, schools

By RALPH NARDONE

Times Leader Correspondent

What a difference a few years — and a changing employment situation — make.

A few years ago, there was virtually no dialogue between the business and education communities, says Stephen Barrouk, president and chief executive officer of the Greater Wilkes-Barre Chamber of Business and Industry.

But that was before the economy became more service oriented, and companies began to need more employees with high-tech skills.

Today, local businesses and colleges are beginning to work together to train the area work force for a future that includes computer skills.

Officials at area colleges and high schools have begun to listen closely to the business community, developing computer training that prepares residents to land good jobs, allowing companies to hire local.

The last few years have resulted in "tremendous progress in the business and education partnership," Barrouk says.

■ See COMPUTE, Page 9D

■ See PARTNERS, Page 9D

Compute—

(Continued from Page 1D)

Croop, chairman of College Misericordia's School of Business, Education and Behavioral Science.

One thing is clear: There are not enough computer majors at area colleges to meet the local labor demand.

A recent survey by the Greater Scranton Chamber of Commerce and the Greater Wilkes-Barre Chamber of Business and Industry shows that area employers will need 548 additional high-tech employees over the next two years.

But the total number of computer science, computer information and management information systems majors at the county's three four-year colleges totals less than 200.

That's bad news for area employers who hoped that increased contact with area colleges would solve their employee shortages.

Some business executives have

suggested working directly with area colleges to mold the schools' curriculums to fit local needs.

But that might not be in the student's best interest, says John Rakowski, director of computer science at King's College in downtown Wilkes-Barre.

"We simply cannot keep training for the day, the technology is changing so fast," Rakowski said. "We're going to focus on some very fundamental principals and teach students to learn."

That training will help the students, he said, because they will be better able to cope with technology changes that occur throughout their careers. "They are going to be in a career for 20 to 30 years," Rakowski said. "They have to learn to adapt to new changes. That's what our goal is."

Brain drain causes strain

The shortage of home-grown talent is only part of the problem facing area companies. Keeping the best and brightest local grad-

uates at home also might prove difficult.

Dr. Frederick Sullivan, an assistant professor of computer science at Wilkes University in Wilkes-Barre, says that many students are lured out of Northeastern Pennsylvania by high-paying firms in Philadelphia and Washington, D.C.

"People locally tend not to pay as well," said Sullivan. "There are some exceptions, like ALLTEL (Information Services), but our best students usually head outside the Valley."

Sullivan said Wilkes University has developed a relationship, through alumni, with TRW in Washington, D.C., and Lockheed Martin in Philadelphia and Birmingham.

Alumni contacts have made it easier for Wilkes students to land jobs with those corporations, he said. Interviews with computer majors seem to support Sullivan's view.

Melanie Lear, a 24-year-old Wilkes University sophomore from the Mountaintop area, says

she expects her first job will be in Reading or Philadelphia. "I want to work for an aerospace company, I don't think there is anything like that here."

Steve Morrissey, 20, of Wilkes-Barre, says he would like to stay in Northeastern Pennsylvania because his family is here, but he doesn't expect to find a local job in computer graphics.

To increase contact with local companies and better prepare students for the workplace, Wilkes computer majors graduating in 1999 will be required to take part in a senior project.

For their senior project, a team of students must find a computer-related problem or need within the college or at an area business. The team then will work to solve the problem over the students' final two semesters.

Sullivan, who is heading the program, says he has not discussed the project with any area companies yet.

Breaking with tradition

With colleges not pumping out

enough students to meet local labor demands, some companies, like ALLTEL in Wilkes-Barre, are seeking out people already in the job market who are looking for a career change.

"We're not working toward targeting the traditional student," said David Fritz, vice president of ALLTEL. "We're trying to target those who are looking to make a career choice and retraining them."

Fritz said focusing on older, more mature employees can be beneficial for the company. "They are more likely to think where can this take them as a career until retirement. They are less likely to jump between companies."

But that doesn't mean ALLTEL is writing off college students. Fritz said the company is working with Luzerne County Community College in Nanticoke and College Misericordia near Dallas to increase awareness of computer-related studies.

For those thinking of making a career change into a high-technology field, Croop suggested that the non-traditional student pick up a class or two in a high-demand field and start applying for jobs.

Croop said courses in programming languages such as COBOL or RPG could be key to quickly landing a high-technology position.

Both programming languages still are taught at area colleges but are not primary areas of study. About 60 percent of past computer programming was done in COBOL, so there are numerous companies — including several local firms — that still use it, he said.

Nine percent of companies that took part in the recent survey will need employees skilled in COBOL over the next two years.

With the programming courses under your belt, it's time to hit the job market. If you land a new job, continue to take classes to keep up to date, Croop said.

Partners

(Continued from Page 1D)

"Everybody is talking about the future, which is the first step in offering the right training for progress."

In the past, "jobs and (education) programs were not matching locally, (similar to) the national level."

A "computer collaborative" brought together by the Wilkes-Barre and Scranton chambers is encouraging companies to jointly develop solutions to the employment gaps.

A few weeks ago the collaboration began a survey of companies to determine the high-tech skills they will need.

And, although most of the efforts have been concentrated on larger companies, Barrouk expects "hundreds of medium-sized local companies to become involved also, which will increase job availability."

"It is important for the (local colleges and high schools) to work with the students," he says, emphasizing the need for career counseling in high schools.

Local hi-tech firms, such as ALLTEL in Wilkes-Barre, look to the local labor force but are sometimes required to hire from outside the area or train personnel inside the organization, says Sharyn Torrisi, Human Resource manager.

"Every position is unique, but basic skills are necessary for almost all jobs," she says.

ALLTEL, one of the companies involved in the computer collaborative, is pleased with the quality of locally trained employment prospects and credits the "open communication between businesses and schools in this area."

Human resource professionals have reported little difficulty finding employees with basic technical skills for entry-level positions, says Karen Yarish, president of the Northeastern Pennsylvania

Society of Human Resource Managers.

"The problem is finding high-end (skilled professionals), which is a problem nationally," she says.

Wilkes University has begun to develop education programs to meet the needs of the work force, said Mark Davis, director of university relations.

"Wilkes people have been involved in task forces where they meet with local business leaders. It is necessary to gather information about the marketplace to offer the right training for the careers that are in demand," he said.

Davis points to the success of the university's continuing education programs, which he says were developed "in response to the demands of the people working to advance their professional skills."

New fully computerized labs and classrooms as well as capabilities to research the Internet will prepare undergraduates for "the way of life in the job market," Davis says.

Edward Schoen, dean of the William G. McGowan School of Business at King's College, said the college concentrates on education that will prepare students and benefit the companies that hire them.

"Eighty-six percent of students (from King's) find jobs in the fields for which they prepare, and the college wants to keep that number up," he said.

Efforts by the college to provide intense career counseling and to regularly review the curriculum help keep offerings current with marketplace demands.

Recent interviews with juniors and seniors by an accrediting consultant found "the students really know what's going on" in their field, he says.

To assist curriculum development, an advisory board of King's alumni, representing all career stages, reviews programs annually.

The advisory board members "meet with students and faculty to tear (the programs) apart," ensuring the college training meets the needs of hiring businesses, Schoen said.

From those advisory board recommendations, King's started a computer training program that introduces students of all majors to computer basics from the beginning of their studies.

By their senior year, students are working on advanced career-specific computer programs that are state of the art for their fields.

Corporations and educational institutions need to invest together in the future of the economy, says Marie George, director of Planning and Institutional Research at the University of Scranton. "One sector cannot do it all."

George warns there could be a big shortage of high-tech training if they don't keep up with the fast changes in technology. A degree is not always enough for adequate training, she says. "A constant commitment is necessary to know what technological changes need to be addressed."

Wilkes receives grant to make classrooms 'smart'

CV 9-30-02
Wilkes University recently received a \$90,000 grant from the George I. Alden Trust to upgrade 18 traditional classrooms to the level of "smart classrooms."

The upgrades will be completed in Breiseth, Capin, Conyngnam and Kirby Halls and Stark Learning Center.

The grant will allow Wilkes to purchase ceiling mounted LCD projectors DVD/VCR units, document cameras and electronic projection screens.

Smart classrooms support teaching and learning with easily accessible presentation equipment and with high-speed Internet connectivity.

Unlike special purpose or discipline-specific laboratories and classrooms, smart classrooms are general purpose workhorses with the potential to serve the greatest number of faculty and students, regardless of discipline.

"We will now be able to project video (including DVDs), paper

documents and computer screens in over half of our classrooms," said Fred Sullivan, Wilkes University dean of technology.

"This technology will improve the efficiency of our classrooms."

The university expects that during the next five years, smart classrooms will become the classrooms of choice as Wilkes faculty increasingly choose to use technology in their teaching.