

W I L K E S

# UNIVERSE

VOLUME 3 ♦ NUMBER 1



An  
investment  
in the future:

Restoring Hope to the  
Children of Bosnia

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## Visiting the Ol' Stompin' Grounds

There's a ball field near my childhood home in Llewellyn, Pa. It's two ball fields, actually—a big, weedy plain with wooden backstops and well-trodden diamonds at opposing ends. Looking down from the rocky bank that forms its front side, the land itself doesn't look like much. Still, when I go back there, as I find myself doing every few years, I can't help but get a little nostalgic thinking about the great times I had there while growing up.

It's not because I was a baseball star—far from it. I spent most of my five-year little league career goofing around with fellow bench-warming teammates or trotting to and from a dreadfully dull post in right field. But it's the fun we had at the field when games were not in session that I remember most.

My neighborhood friends and I encircled that quarter-mile radius hundreds of times on our Schwinn Sting Ray bikes—mine was red, with that silly banana seat. I remember, too, the Sunday football games—tackle, of course—wherein the main objective was to play and play until a) someone got really hurt, or b) it got too dark to see the ball.

The field has been spruced up a bit since my childhood days. A new shed was erected to replace the small shack that served as a concession stand. There's fresh paint on the backstop, and someone has replaced the rotted boards that had formed the roof of each dugout. But at its heart, the old field is pretty much the same. Athletics aside, "the diamond" was the setting for some of the happiest times of my youth. Going back there inevitably evokes this flood of memories.

Sometimes I get those same feelings when I walk across the Wilkes campus. Even though I'm here every day, I still get a nostalgia attack while visiting certain places. The creaky basement stairs in Capin Hall take me back to the news writing and broadcast journalism courses I took there. The distinctive smell of the Farley Library stirs somewhat less pleasant memories: the stress associated with finishing a research paper or studying for an exam at a basement study carrel. And the field next to Pickering Hall reminds me of muddy, evening football games—touch this time—with fellow dorm mates.

Just a short walk across campus and, in my mind's eye, I'm an 18-year old freshman again, in Polo shirt and Jamms (it was the late 80's, mind you), excitedly anticipating the four long years ahead. Though the rigors of academe sometimes seemed insurmountable back then, those were truly carefree days—and the years passed much faster than I would have liked. More than one Wilkes alumnus has told me the same thing.

This place, too, has improved with age. The historic buildings are still here, but they've been renovated to meet the needs of today's students. Computer terminals are everywhere, and each dorm room is linked to the world via an Internet connection. We've also added a greenway that makes the campus even prettier than you might remember. Come back and see. You may not have hit a home run every time at bat, but you'll reflect upon the playing field just as fondly.

Sincerely,

*Vaughn A. Shinkus*  
Vaughn A. Shinkus '91

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### ON THE COVER

Tears are an important part of the recovery process for children of Bosnia who have been scarred by the tragedies of civil war. "They have to be able to express their emotions," says Wilkes associate professor of Psychology Dr. Holiday Adair. "They need to learn to think differently about the world."



## WILKES PROF RECEIVES FULBRIGHT TO MEXICO

Dr. Michael A. Steele, associate professor of Biology at Wilkes, has been awarded a Fulbright Fellowship to lecture and conduct research in Mexico during the 1997-98 academic year.

The Washington, D.C.-based International Exchange of Scholars selected Steele for the fellowship based on his research record, teaching history and a detailed research proposal. The nine-month award provides a salary,

relocation allowance and living expenses for Steele, who is accompanied by his wife, Margaret, and children, Michael, Tyler and Emily. Wilkes University has provided a sabbatical leave for the year.



Dr. Michael Steele

Steele's current research, conducted with Wilkes students and colleagues from Rutgers State University, the University of Pennsylvania and the University of California, focuses on the behavior of squirrels and other food-hoarding animals, the specific decisions they make when storing acorns and the effects of their behavior on the regener-

ation of oak forests. In Mexico, Steele is collaborating with faculty and students from the National Herbarium in Puebla and the Centro de Ecologia at UNAM in Mexico City.

"The award gives me an opportunity to extend my research into an environment where understanding the mechanisms of forest regeneration is critical for countering deforestation," said Steele.

Established in 1946, the Fulbright Scholar Program offers grants to faculty, professionals and independent scholars for teaching and research abroad. The program aims to promote global understanding while fostering academic and professional development and allowing academicians from the United States an avenue for collaboration with colleagues worldwide. ■

## ANNUAL FUND CONTRIBUTIONS UP BY \$40,000 IN 1996-97

Record contributions from Wilkes alumni, friends and regional businesses drove the 1996-97 Annual Fund total to more than \$951,000, an increase in giving by more than \$40,000 over the previous year.

Final figures for the campaign show more than 2900 Wilkes alumni made annual fund gifts. More than 4,100 total donors contributed to Wilkes during 1996-97.

"Thanks to the increased support of our alumni, local businesses and friends in the community, this Annual Fund was an overwhelming success," said Christopher N. Breiseth, Wilkes president. "Their participation shows their confidence in the students, programs and future of Wilkes University."

Annual Fund moneys supplement tuition revenue to provide funding for University operations. Contributions help provide scholarships, purchase library books and underwrite general operating expenses.

"This increased confidence helps us in so many ways," said Claire Fox, director of development and major planned gifts. "These supporters have demonstrated that they believe in the value of a Wilkes education and are prepared to help ensure a quality education for today's students."

Support to the campaign was enhanced by several

companies that offer matching gift programs, which can double or triple the size of a gift and thus provide additional financial support. Nearly \$54,000 of the campaign was raised from matching gifts.

In July, the University hosted a celebration to recognize the more than 70 volunteers who made community appeals and staffed phonathon drives. Sandra Piccone '77 was chair of the drive.

"Wilkes is very fortunate to have such outstanding volunteers," said Fox. "A small army of supporters gave their time to ensure the campaign's success."

Wilkes students and volunteers are making phone calls for the 1997-98 campaign, which is again being chaired by Piccone, with assistance from vice chair David Davis '75. ■



Christopher N. Breiseth, Thea Christuck Escarge '70, Penny Ruckno '68, Sandra Piccone '77, Caryn Chyefitz, and Claire Fox.

## WILKES PROGRAMS RECOGNIZED BY NATIONAL ENTITIES

### Business Programs Accredited by ACBSP

Wilkes University's Business Administration, Accounting, and Master of Business Administration (MBA) programs recently were accredited by the Association of Collegiate Business Schools and Programs (ACBSP).

Wilkes University is the only school in Northeastern Pennsylvania and one of only six four-year schools in the commonwealth to hold this accreditation. ACBSP is one of two associations certified by the United States Department of Education to accredit business programs.

To earn the accreditation, the University had to meet 25 rigorous standards. According to the association's materials, "accreditation provides a means of assuring students, parents, and the business community that business degrees have met rigorous (standards) and a high level of educational quality."

"The accreditation is another external acknowledgement of the strong student/faculty interaction in our business curriculum," says Dr. J. Michael Lennon, vice president for Academic Affairs. "We applaud the efforts of our students and faculty whose efforts led to this achievement."

Dr. Anthony L. Liuzzo, faculty coordinator for accreditation, has been working with the faculty and administration for more than a year to earn the prestigious accreditation. "The accreditation process included submission and audit of an extensive self-study and an on-site visit by representatives of ACBSP," Liuzzo said.

A visitation team came to Wilkes for three days in February to evaluate curriculum, faculty, research and service to the business and educational community. The team also reviewed student achievements and assessed their satisfaction with the business program, university facilities and institutional support for program activities.

The team filed a report that cites a distinctive strength of the business programs at Wilkes. "The University has a tradition of meeting the changing needs and challenges affecting the community and society as a whole," it reads. "The University's strength is in its multi-disci-

plinary and technologically advanced courses that provide much interaction among its faculty."

Dr. Anne Heineman Batory, interim dean of the School of Business, Society and Public Policy, says the accreditation adds value to the Wilkes experience. "The ACBSP accreditation formally acknowledges the quality of the learning environment in the Wilkes business programs and validates the high competency level of our graduates," she said.

Recent graduates and students reacted positively to the accreditation. "I am elated for the School of Business, Society and Public Policy to receive such an honor. It adds quality to my degree," said Greta Altavilla M'97, who received an MBA degree in May.

Senior Joseph Russo will receive his business degree later this year. "I am confident knowing that my education and my goals will be looked upon with more emphasis versus graduating with a standard bachelor's degree in business," he said.

### Pharmacy School Advances Toward Accreditation

Wilkes's doctor of pharmacy program has been granted candidate status, the next step toward accreditation by the American Council on Pharmaceutical Education (ACPE).

The upgrade in status was granted based on the results of an April site visit by an ACPE evaluation team of pharmacy educators and practitioners. During the visit, the team surveyed the facilities, reviewed program documentation and interviewed administration, faculty and students. In their evaluation report, the team lauds the Wilkes program for its curriculum, facilities and students.

"The new curriculum being developed is contemporary and innovative in both its structure and the planned method for delivery," the report reads.

According to ACPE materials, candidate status is granted to programs that have not yet graduated a class, but have students enrolled in the professional tract.

The designation denotes a program expected to develop as planned over a defined period. Full accreditation can

only be awarded after Wilkes's first pharmacy class graduates in the year 2000.

The four-year School of Pharmacy program at Wilkes includes three years of traditional courses and one year of clinical clerkship at area pharmacies and medical facilities. A competitive program, 80 pre-pharmacy students are accepted each year into the pre-pharmacy program, with 65 admitted into the professional pharmacy program.

The School occupies the first and third floors of the newly remodeled Stark Learning Center. The first floor houses a pharmacy information center and computer lab, model pharmacy, and offices. The third floor includes the anatomy and physiology lab, pharmaceuticals lab, three research labs, conference rooms, offices, and accessory rooms.

### Engineering Programs Earn National Accreditation

Wilkes's Mechanical Engineering and Environmental Engineering programs recently were accredited by the Engineering Accreditation Commission of the Accreditation Board of Engineering and Technology (ABET).

"This honor affirms the quality of the programs in our School of Science and Engineering," said Wilkes President Christopher N. Breiseth. Wilkes has a proud tradition of educating engineers and this accreditation allows that tradition to continue."

The University's Electrical Engineering and Materials Engineering programs are also accredited by ABET.

The School of Science and Engineering offers a unique integrated curriculum featuring a comprehensive array of courses, personalized faculty attention, a low student to faculty ratio, access to state-of-the-art laboratories, interaction with industry, and a multidisciplinary team approach to problem solving.

"We are committed to providing a conducive learning environment and friendly atmosphere for each member of our diverse student population," said Dr. Umid R. Nejib, dean of the School of Science and Engineering. "Our high placement rate is the result of this educational climate and philosophy." ■

## AWARD WINNING AUTHOR GIVES READING AT WILKES

By Rich Drees



Listen to a recitation of John Updike's many achievements as an author, and you could conceivably imagine him as a "serious writer"—squirrelled away in a small New England countryside house, wearing a heavy sweater and hunched over a small manual typewriter.

Listen to him read his own works, as he did in October to a packed house at Wilkes's Dorothy Dickson Darte Center for the Performing Arts, and that image would readily be dispelled.

Instead of a studied academic, Updike presented himself as a dryly witty storyteller, mining material from his own recollections of childhood much in the same vein as Hemingway or Twain.

Perhaps best known as a novelist for works such as his *Rabbit* series—for which his 1982 installment *Rabbit is Rich* won the Pulitzer Prize—*The Centaur* or *The Witches of Eastwick*, Updike began the evening with a selection of poems inspired by his early years growing up in Shillington, Pa., near Reading.

After finishing his first poem, "Ex-BasketBall Player," Updike looked up to the auditorium with a smile. "My 40 years of writing certainly bear in on me as I read a poem like this and realize how full it is of obsolete references."

But Updike need not apologize. While the imagery of most of the work he read was indeed firmly rooted in mid-century Americana, it's that time period that today evokes a nostalgic fondness.

Updike said literature should "concern itself with the inner lives of hidden people."

Another poem, "Plow Cemetery," again utilizes the imagery of rural Pennsylvania—

specifically a cemetery where family ancestors are buried—to examine how he first dealt with the issue of his own morality. Updike looked to his own past, to try to gain answers to his future.

This theme was repeated in more depth as he read his short story, "Lunch Hour." In it, a man goes to his 45th high school reunion and becomes reacquainted with an old girlfriend he had not seen in the years since.

Updike commented that when he was starting out as a writer someone asked him why he seemed to write exclusively about Pennsylvania. "Pennsylvania is reality to me," was his reply.

Most of those in attendance at the reading could probably find some reality of their own in his selection of works—whether preparing to go to a class reunion, confronting morality or just longing for the day when gas pumps had a glass dome and five bucks would buy lunch for a week. ■

## SIMON CRITICIZES PUBLIC OFFICIALS OF PANDERING

Former Senator Paul Simon was the featured speaker at the sixteenth annual Max Rosenn Lecture Series in Law and Humanities held in April in the Dorothy Dickson Darte Center for the Performing Arts.

Simon retired his Illinois senate seat last January and is now professor and director of the Public Policy Institute at Southern Illinois University. Speaking to an audience that filled the Edward Darling Jr. Theatre, Simon spoke about public mistrust of those who hold public office.

"The public perception is that public office is for sale," said Simon. "It is not quite that bad. But what is true, is that access to public office is for sale. Somehow we have to change that."

Simon added that politicians have fostered a culture of "pandering" to voters by taking positions that are impossible to defend, such as promising to increase government services while cutting taxes.

"The excuse is 'we're giving the public what it wants,'" Simon said. "My friends, if we want to improve the nation, we have to be willing to sacrifice."

Simon cites as an example the plight of education in the United States. Elementary and secondary education is substandard compared to other nations, he said. "We simply have to do better if we are going to compete with the rest of the world—if we are to understand the rest of the world for our own security."

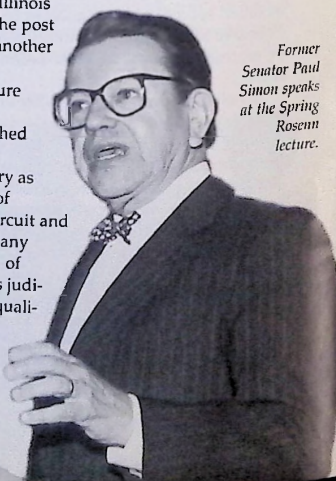
Simon is distressed that most states spend more money on prisons than on schools, and points out that 82 percent of those in prison have achieved less than a high school education. "You

shouldn't have to be an Einstein to figure out that maybe if we put a little more money into education, we wouldn't have to build more prisons."

Prior to leaving the Senate, Simon was Illinois' senior ranking senator. He wrote education and job training laws such as the National Literacy Act, the School-To-Work Opportunities Act, the Job Training Partnership Act amendments, several provisions of the Goals 2000 Act and the 1994 reauthorization of the Elementary and Secondary Education Act. He was the leading Senate champion of the new direct college loan program, and the chief Democratic sponsor of the balanced budget amendment.

He was elected to the Illinois House in 1954 and to the Illinois Senate in 1962. In 1968 he was elected lieutenant governor and was the first in Illinois history to be elected to the post under a governor from another party.

The Max Rosenn Lecture Series in Law and Humanities was established in 1980 in recognition of Rosenn's 10th anniversary as Judge of the U.S. Court of Appeals for the Third Circuit and in appreciation for his many contributions to the field of Law, to the United States judiciary system and to the quality of life in the Commonwealth of Pennsylvania. ■



Former Senator Paul Simon speaks at the Spring Rosenn lecture.

## THREE HONORED AT SPRING, SUMMER COMMENCEMENT EXERCISES

Wilkes honored three individuals who have dedicated their lives to helping others, and awarded more than 450 undergraduate and graduate degrees at commencement exercises held in May and August.

At the 50th annual Spring Commencement ceremony in May, **Lorraine E. Hale, Ph.D.**, was awarded an honorary doctor of humane letters degree for her exemplary work in caring for the nation's infants. With her mother, the late Clara "Mother" Hale, she founded Hale House, a New York City child care agency that has attracted national attention for nurturing and caring for babies born to women addicted to drugs or infected with HIV.

Hale, who was keynote speaker, encouraged the 400 graduates to balance their lives by nurturing the four unique human needs: living, loving, learning and leaving a legacy. "Only when we see the importance of these needs do we find a way to fulfill them,"

she said. "Leaving a legacy is very important. It says to the world 50 years from now 'I was here and I made my life worthwhile.'"

Also at the May exercises, prominent educator and physician **Doris Gorka Bartuska, M.D. '49** was awarded an honorary doctor of science degree. Former director of endocrinology, diabetes and metabolism clinical services at the Medical College of Pennsylvania, Bartuska has received numerous teaching awards throughout her career. Now retired from clinical practice, she continues her medical research and writing as a professor emerita of Allegheny University of Health Sciences.

In presenting the honor, Wilkes President Dr.

Christopher N. Breiseth lauded her achievements as a member of numerous and professional and community affiliations.

"In your many teaching, research and administrative positions... and in your local, state and national leadership roles in the medical profession, you have been a pioneer for women," said Breiseth.

Bartuska has received numerous awards, including the Lindback Distinguished Teaching Award, the President's Recognition Award, the Distinguished Daughter of Pennsylvania award and the Gender Equity Award from the American Medical Association.

In addition, she was honored with three awards from the Medical College of Pennsylvania Alumni Association and has served as president of the Philadelphia County Medical Society and the American Medical Women's Association.

At Summer Commencement/

Convocation ceremonies in August, Breiseth presented a doctor of humane letters degree to **Attorney George L. Fenner, Jr.**, a dedicated friend and benefactor of the University.

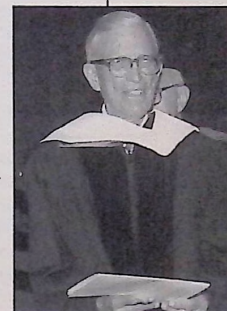
With his late wife, Hilda, an alumna of Bucknell University Junior College,

Fenner has committed a major gift to the University to help bring culture and enlightenment to the youth of the Wyoming Valley.

"It was our own experience with college that convinced us that we should do as much as possible to make education accessible to the children of the Wyoming Valley," Fenner said upon receiving the degree.

Always a concerned environmentalist, Fenner is giving the University a major piece of land that will be sold to the Wildlands Conservancy to keep the land forever wild. The sale will provide a benefit both to Wilkes and to Pennsylvania.

Approximately 36 undergraduate and 30 graduate degrees were awarded at the August ceremony. Breiseth delivered the commencement address officially opening the 1997-98 academic year for faculty, staff and students. ■



Attorney George L. Fenner, Jr.



Vice President for Academic Affairs J. Michael Lennon robes Doris Gorka Bartuska, M.D. '49, who was awarded an honorary doctor of science degree at commencement in May.

Lorraine E. Hale delivers the keynote address to the 400 graduates at May commencement exercises.

## CROSS CULTURAL EDUCATION KEY TO IMPROVING CHINESE RELATIONS

Over the 1996-97 academic year, eight students from Heilongjiang University in Harbin, China studied at Wilkes. In June, Wilkes President Christopher N. Breiseth, along with vice president for Academic Affairs Dr. J. Michael Lennon and his wife, Donna, visited Heilongjiang. Following are Breiseth's observations from the trip on the importance of such cultural exchange.

The relationship between Heilongjiang University and Wilkes University is symbolic of the larger relationship between China and the United States. The two universities have the opportunity to promote a mutual understanding upon which the two greatest economies of the world must build the future. Cooperation between these two great nations is imperative, not just for the sake of Chinese and American interests, but for the entire world, which will be increasingly dependent on their healthy relations as we enter into the 21st century.

By studying each others' history, culture, politics, and economics, students from Heilongjiang and Wilkes can discover the sources of our deepest beliefs, our values, our hopes and fears, even our prejudices. From such study, they can bring to their professions and communities a kind of wisdom that ultimately impacts the national interests of each country, not only within each society but in our policies toward each other.

This really is a very special moment in world history. With the ideological cold war over, there is a genuine opportunity for the world to avoid the great wars that have devastated the 20th century. There still will be great problems, as such struggles are replaced by religious fundamentalists in conflict, ethnic hatred among neighboring peoples and other issues tied up with peoples' personal and social identities. If we can avoid great wars between nations, we are nonetheless going to have to deal with terrorism by angry, disaffected groups who inflict their frustrations on others, as we have experienced in both the United States and China.

The threat of terrorism must engage the thoughtful, responsible leaders of our governments to work together to control access to weapons and technologies that permit development of nuclear or chemical weapons. Just as global environmental challenges must pull together our governments and institutions to take collective action, so must we work together to address legitimate grievances of large groups of people. Without such attention, terrorism is likely to spread as a method for disaffected groups to gain the world's attention.

In the lifetime of present college students, the world will genuinely become a global village, increasingly more connected by FAX machines and the Internet. This extraordinary communication potential imposes burdens on our governments, but also offers unparalleled opportunity for thoughtful people to search together for intelligent answers to our common problems. Consider what is happening in medical research, where teams of scientists around the world communicate daily to track results of experiments focused on eradicating specific diseases.

This networking process has become second nature to millions of individuals with access to computer technology. President Clinton has pledged to have computers in every classroom in America so that all school children will know how to find information on the Internet and be able to communicate with other children around the world. We as their parents and teachers must foster an attitude of openness and curiosity to learn about people different from ourselves. This is a fundamental responsibility of education, particularly of our colleges and universities. The exchange between Heilongjiang and Wilkes is already contributing to this enlightened effort at mutual discovery by allowing students and facul-



Dr. Christopher N. Breiseth

*"In the lifetime of present college students, the world will genuinely become a global village. This extraordinary communication potential offers unparalleled opportunity for thoughtful people to search together for intelligent answers to our common problems."*

ty from each university to get to know each other, share knowledge and broaden their horizons.

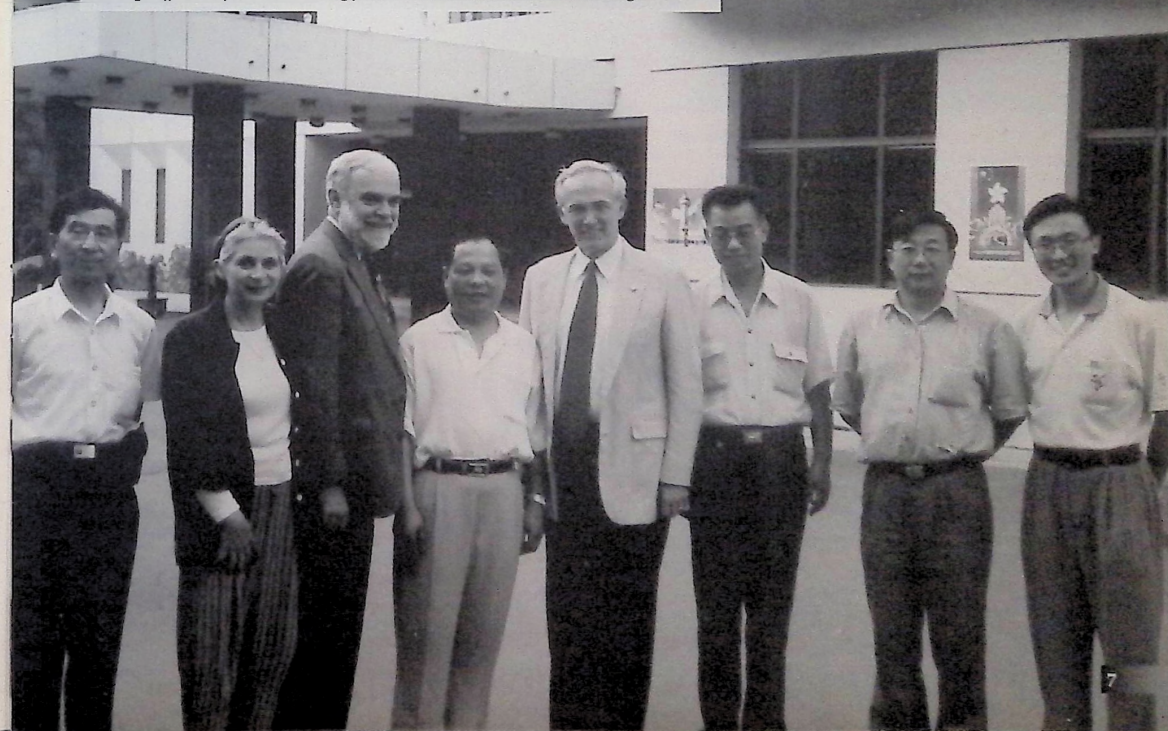
Students lucky enough to travel half way around the world to study in the other country will discover two nations marked by great contrasts. China represents the oldest, continuous civilization in the world, where there is still great emphasis on the collective good of the whole country. America, by contrast, is perhaps the youngest civilization in the world and has from the beginning placed great emphasis on the rights of the individual. We each have some profound truths to learn from each other, because the 21st century global village will need both the concern for the whole community that is second nature in China and the protected right to individual expression so valued in the United States to harness the true creative potential of human beings in dealing with world challenges.

While there is enormous diversity in China, there also is a great common cultural bond among Chinese. America, by contrast, has had to develop its unity out of the vast diversity of peoples coming from every part of the world. Wilkes University's motto—unity amidst diversity—embodies that movement. While we as a nation have not always been successful in this blending of the world's peoples, we have gone farther than any other in discovering that our future health rests upon our ability to educate and protect the

rights of every individual American regardless of race, sex, religion or country of origin. Our efforts to draw together peoples of such dramatically different backgrounds and secure their rights and opportunities through education, employment, political citizenship and our legal system represents America's most important contribution to the rest of the world.

The tradition of a liberal arts education is central to the strength of American colleges and universities. Its emphasis on developing students into independent and creative thinkers has helped create the dynamism of our economy as well as of our intellectual and political life. Students from China who come to our colleges and universities will be initiated into this secret of American success. It will make them better able to help the China of the 21st century understand what, how and why Americans think and behave the way we do. Such understanding is crucial for the creative and harmonious relations between these two great peoples. Americans' understanding of China and its unique perspective on itself and on the world is just as important. The educational exchange between Heilongjiang and Wilkes universities can contribute significantly to this mutual understanding. ■

Zhang Jin Le, director, Foreign Affairs Department; Donna Lennon; J. Michael Lennon, vice president of Academic Affairs, Wilkes University; Liu Donghui, president, Heilongjiang University; Christopher N. Breiseth, president, Wilkes University; Xu Shi Dong, deputy president, Heilongjiang University; Zhang Xiaoguan, deputy director, Foreign Affairs Department; Li Hongquan, vice director, International Exchange.





The Harris Semiconductor fabrication facility in Mountaintop, Pa.

# A Shared Vision A Common Interest

by K. Tracy Fabian

The year was 1959. Dwight D. Eisenhower was in the White House; Alaska and Hawaii became the 49th and 50th states and Wilkes College President **Dr. Eugene S. Farley** made a commitment to the Radio Corporation of America (RCA) that would continue to have an impact on the school, the company and the local economy for years to come.

To help assure that a new RCA plant would be built in the region, Farley promised that Wilkes would institute new programs in electrical engineering to provide a steady supply of skilled workers for the plant. As a result, Wilkes developed a four-year course in electrical engineering and two graduate programs. For its part, RCA offered technical assistance and equipment to get the new programs underway.

Today, the course offerings have changed, Wilkes has become a University, and RCA is now Harris Semiconductor, a 240-million dollar producer of microchips, but that initial agreement to work hand in hand goes unchanged.

Wilkes now offers a wide range of courses in electrical and computer engineering. The four-year program leading to a Bachelor of Science degree offers students various areas of specialization, including bioengineering, computer engineering, microelectronics, microwave and antenna systems, and telecommunication. These programs provide strong engineering and scientific experience with advanced techniques heavily integrated into the curriculum.

Within these programs, explains **Dr. Umid Nejjib**, dean of the School of Science and Engineering, students focus on high frequency communications, semiconductor fabrication, computers and computer simulation.

"You don't find this type of emphasis in regular programs (offered at most schools)," Nejjib says, "so our students truly benefit."

In order to keep up with the ever-changing needs of technology, Wilkes has counted on companies like Harris Semiconductor to provide the resources needed to make the latest technological advances available to the students.

"Equipment to teach engineering is very fundamental and expensive," Nejjib says. "We're dealing with clean rooms and the cost can get very high. Our partnership works very well."

*"This is one of the few universities in the East that has students produce a working power semiconductor device."*

**Roger Bishop**  
Manager of Human Resource  
Operations, Harris Semiconductor



Alumni employees at Harris semiconductor include, row one: Robert English '89, Blake Gillert M '95, Maria Rebollo '96, Chris Scarba '94, Barry Wood '95. Row two: Marty Wentz '97, Linda Brush '77, M'95, Paula Lampman Geiser '92, Dore Donlin '97, Don Pavinski Jr. '93, Paul Wodarczyk '86, Don Burton '79, Steve Valby '95.

**Dr. Vasu Choudhry**, associate professor of Electrical Engineering and supervisor of the microelectronics fabrication facility in Wilkes's engineering department, agrees that the partnership between Wilkes and Harris has been beneficial for the University.

"We have a very expensive facility in terms of the investment and maintenance costs," Choudhry explains. "Most of our equipment has come from Harris."

Choudhry adds that Harris helps with the repair and maintenance of the equipment, as well as providing chemicals needed for the process of making an integrated circuit on a chip. These donations provide students with the opportunity to experience the fabrication of an integrated circuit

from chemical cleanup to testing and design. The Wilkes laboratory process includes 14 of the industry-standard 47-step process, covering all the basics of making and testing the circuit and supplying the background for confident entry into further research or industry. Undergraduates at most universities never have the opportunity to experiment with the entire process.

"This is one of the few universities in the East that has students produce a working power semiconductor device," says **Roger Bishop**, manager of Human Resource Operations at Harris.



Ray Ford, Vice President of Mountaintop Operations

It's this experience, says Bishop, that allows Wilkes B.S. graduates employed by the company to develop to a very equivalent level as those with a specialty doctorate from other universities. As evidence, he cites **Ray Ford '74**, an alumnus who serves as the plant's vice president for operations.

The many Wilkes graduates working at Harris have formed a base for the success the company has experienced in design and development activities. Bishop says, estimating that approximately 40 Wilkes graduates are employed by the company at any given time. Many of them have been taught by Harris employees who serve as part-time instructors and specialists at the University.

In addition to supplying Harris with a steady stream of qualified employees with undergraduate degrees, Wilkes also provides advanced degrees for company employees. **Donald Burke, hon. '97**, director of engineering at Harris, says the ability to provide an avenue for people in the technical community to obtain an advanced degree nearby has been a great incentive in recruiting employees for the plant. Burke currently has three to four employees in his division pursuing masters' degrees at Wilkes.

### Harris Semiconductor employs more than 40 Wilkes graduates at its Mountaintop facility:

- |                          |                         |
|--------------------------|-------------------------|
| Paul Bath '91            | Victor Nardone M'68     |
| Linda Brush '77 M'85     | Michael Novosel III '93 |
| Donald Burton '79        | Donald Pavinski Jr. '93 |
| Thomas Carter '96        | George Plantko '87      |
| Joseph Cumbo '90         | Angela Polny '95        |
| David Donlin '97         | Maria Rebollo '96       |
| Rick Dolinski '96        | Christopher Rexer '85   |
| Frank Egenski '66 M'68   | Mark Rinehimer '95      |
| Robert English '89       | David Ruskey '95        |
| Raymond Ford '74         | Christopher Scarba '94  |
| Paula Lampman Geiser '92 | James Scrobola '90      |
| Joseph Gershey M'68      | Richard Stokes '94      |
| Blake Gillett M'95       | Stephen Vahey '95       |
| Thomas Grebs '83         | Jeffrey Webster '93     |
| Michael Hayes '91        | Martin Wentz '97        |
| Dale Hildebrand '68      | Elna Gene Williams '85  |
| David Hollock '77        | Paul Wodarczyk '86      |
| Chris Kocon '85 M'91     | Barry Wood '95          |
| Steven Kutney '90        | Joseph Yedinak '77      |
| Frederick Lokuta MS '68  | Maxime Zafrani '85      |
| Joseph Merli MS '91      | Elaine Zarosky '72      |



Future Wilkes students will continue to benefit from Harris's generosity. Choudhry explains that the microelectronics lab is currently undergoing renovations that will provide a nicer working environment and the opportunity for students to work with a more sophisticated process. The upgrading of the lab will provide students with experience they might get only in a master's degree program at other universities. Students also have the opportunity to work at Harris while completing their education through a cooperative program, Choudhry says.

The University is not the only one to benefit from the long-standing partnership with industry. Harris Semiconductor has been expanding over the past five to six years, Burke says, about 25 to 35 percent each year. The company recently completed a \$160 million project that resulted in the world's first plant for fabricating integrated circuits on eight-inch silicon wafers. The new facility created 100 new jobs for the area, 50 of which require a high level education. Wilkes graduates working at the plant have made serious contributions to the technology that is heading this expansion.

Burke says the next phase of expansion—increasing the capacity of the new wafer facility—is already underway. And the company is pushing ahead. With 1995 record sales of almost \$240 million, Burke says Harris has a vision of becoming a \$1 billion company.

One of the big steps in reaching that goal may be a new electronic technology patented by Harris. The new technology, called power electronic building blocks, or PEBB, was pioneered by Harris in conjunction with several federal agencies, including NASA, the US Navy and the Energy Department. PEBB was developed over an eight-year period, with some of the research completed at the Mountaintop facility.

PEBB technology involves a computer chip that allows engines to run more efficiently because it closely monitors their performance. Nejb says that manufacturers have long tried to minimize power loss in electrical motors. Prototypes have already been shipped to the Navy and other potential users, according to Burke. While no firm commitment has been made by the company at this point to build a plant for the manufacture of PEBB, Burke says that, when the time comes, there will be infrastructure



▲ Row one: Chris Rexer '85, Tom Carter '96, Joe Cumbo '90, Elna Williams '85, George Plantko '87, Frank Egenski '66. Row two: Elaine Zarosky '70, Jeff Webster '93, Paul Bath '91, Joe Gershey M'68, Mark Rinehimer '95, Joe Yedinak '77, Steve Kutney '90, Rick Dolinski '96

Angie Polny '95, Joe Merli '91, Dave Hollock '77, James Scrobola '90, Fred Lokuta M'68, Maxime Zafrani '85. ▼



changes to create a capacity the company does not currently have.

United States Representative Paul Kanjorski, who was on hand when the new technology was announced last spring, says the PEBB could lead to a \$1 billion investment and more than 1,000 jobs for the region.

The possibility of such a large scale expansion and investment in jobs for the region has prompted the Greater Wilkes-Barre Chamber of Business and Industry to form a special task force to look at the impact such an expansion

would have. **Howard Grossman**, a member of the task force and executive director of the Economic Development Council of Northeast Pennsylvania.

(EDCNP), explains that the organization wants to do all it can to help promote the super expansion at Harris, which currently employs 800 people locally.

"Harris is the type of company we want to nurture and promote," Grossman says. He adds that a higher education community, such as Wilkes offers, is essential to the type of high tech development going on at Harris and to attracting similar types of busi-

nesses to the area.

Nejib feels that just having an organization such as Harris in the Wyoming Valley sends a signal to other companies contemplating a move to the area. And the relationship between Wilkes and Harris provides a good role model for future business/education efforts.

"Our relationship is an ideal example of university-industry interaction," Nejib explains. "Sometimes, when a relationship develops like this, one organization overrides the other. Our relationship is on such an even level, it provides a very good example." ■

In January, Wilkes recognized the relationship between the two institutions by honoring one of Harris's top executives at the Mountaintop facility: Donald Burke, director of discreet power product development, was awarded an honorary doctor of science degree at commencement exercises.

Burke, who first came to the Wyoming Valley from Canada in 1963, expressed his gratitude to the University and cited the importance of Harris's relationship with Wilkes in improving the local economy. "Where do our engineers come from?" he asked. "In large part from Wilkes University."

"It should be obvious to us all that technology is never at rest. Just as technology is to the well being of the Harris endeavor here, the nurturing of our most talented young people will provide the well being of our society," said Burke. "The interdependence of Harris and Wilkes is immense. Both institutions are practitioners in technology and excellence... both provide the new sustenance for the local society."

Putting the Harris expansion project and its importance into perspective for the area economy, Burke said having coal and the will to dig it may have been the work of the valley's past, but technology is the future. "The well being of our valley is now dependent upon our technology, not our natural resources. The will today must be not to dig, but to know," said Burke.

Burke received a bachelor of science degree in electrical engineering from the Technical University of Nova Scotia in 1954 and joined the heavy apparatus division of Canadian General Electric in switchgear and control equipment design. He then moved into systems application engineering, specializing in electronic power conversion systems for aluminum refining and electrochemical processes and for large variable speed drives in the steel industry.

Burke joined RCA in Mountaintop in 1963 as an application engineering leader for thyristors and rectifiers, and moved with that group to New Jersey in 1967 to become engineering manager. In 1976, he returned to the Mountaintop plant to begin a quick turn design group.

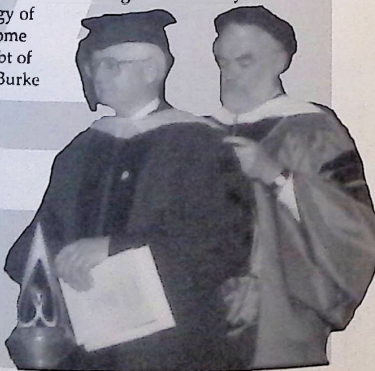
In 1980, Burke assumed responsibility for all power semiconductor engineering, moving all associated functions to the Mountaintop plant. Advanced development of Power MOS transistors was begun, and a new wafer processing facility was installed for these products. Assembly and test operations were converted to full-automation.

Following the purchase of RCA, the product design activities of general electric power semiconductors were assimilated into Mountaintop under Burke's leadership. He has continued his role in new product development under Harris Semiconductor.

Burke resides in Mountaintop with his wife, Terry. They are the parents of five children, two of whom are graduates of Wilkes. The Burkes also have eight grandchildren.

"I thank Wilkes for saying I have done something worthwhile. If I have contributed to securing for this valley a bridge to the technology of the future, I see it as some recompense for the debt of welcome that I owe," Burke concluded. ■

Dr. J. Michael Lemmon robes Donald Burke upon bestowing an honorary doctor of science degree at January Commencement.



# THE CHILDREN OF BOSNIA

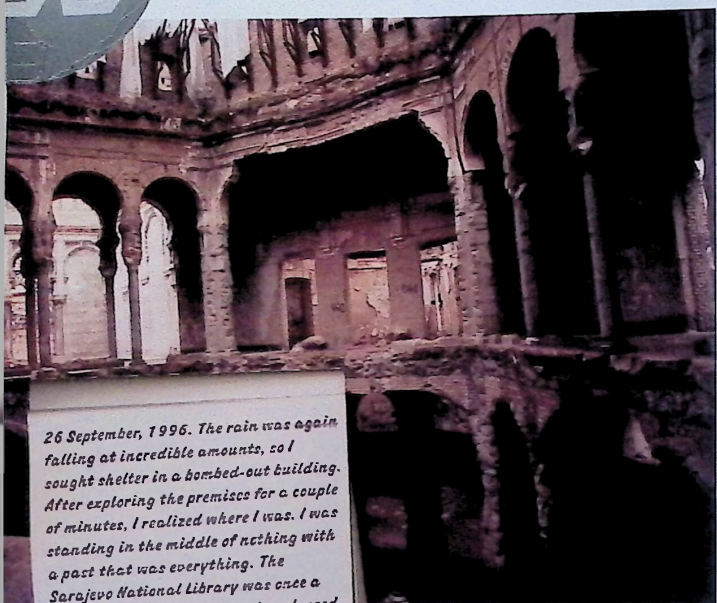


## Restoring Hope for a Peaceful Future

Photography by Gary Fabiano '89

25 September, 1996. It has been raining all day—a heavy rain. A rain that seemed as if it would never stop. In mid-afternoon I noticed a burst of light, so I grabbed my camera and stepped onto the balcony. What I witnessed was one of the most spectacular rainbows I have ever seen—one with an ending. It was ironic to see the start of the rainbow at the top of hills once lined by Serb forces and the other end of the rainbow landing right in the middle of the city they had been destroying. At that moment I could not think of any place in the world that could benefit more from a pot of gold.





*26 September, 1996. The rain was again falling at incredible amounts, so I sought shelter in a bombed-out building. After exploring the premises for a couple of minutes, I realized where I was. I was standing in the middle of nothing with a past that was everything. The Sarajevo National Library was once a cultural and historical landmark used to advance human existence. There is nothing left. Nothing. I later learned that the Serbs went out of their way to destroy this building in particular because it held all the birth records. To destroy a whole existence.*

The remains of the Sarajevo National Library

▼ Group activities help the children with peer interaction and structure.

During their formative years, the children of the former Yugoslavia have been scarred by traumatic events they may never understand.

Born during the region's civil war, they took their first steps amid land mines and sniper fire, spoke their first words between gunshots and mortar blasts. They learned to ignore pangs of hunger and to stay warm with little shelter. Many were orphaned, their families killed or forced into exile during the siege.

It's been more than 10 years since Sarajevo hosted the Winter Olympic games. Signs still direct would-be visitors to the Olympic Village and other venues throughout the city, but the sites themselves no longer exist. Collapsed buildings and bullet-riddled cars now define a city that was once an international tourist destination.

The fighting has subsided—at least for now—and the people of Croatia and Bosnia-Herzegovina are beginning their lives anew. There are signs of progress. Houses have been rebuilt, businesses reopened and rubble hauled away. Beneath these surface



*"You could just see it in their eyes. There's not even a word to explain the look they would get."*

Gary Fabiano '89



improvements lies the work most vital to the future of this country: fear and hopelessness must be replaced with purpose and hope. The region's future rests within its children, who must now learn that there is a world beyond the horrors of war.

With that in mind, U.S.-based relief organization Save the Children has funded an experimental effort to rehabilitate the tens of thousands of children affected by the conflict. Conceived by humanitarian Jim Nutall, the program has established more than 600 play group centers throughout 68 cities and municipalities of Croatia and Bosnia-Herzegovina. Set up in empty shops, cafes, homes and churches, the preschools provide a refuge where 3-7 year-olds can escape reminders of the disturbing events that have shaped their young lives. Over the past four years, more than 18,000 children have been enrolled.

The play groups combine an educational curriculum with psychological counseling and parental involvement—a structured, supportive forum for playing and learning. Children attend in small groups for three hour shifts so that each can receive individual attention.

Save the Children provides start-up materials and funding for each new center's first nine months, anticipating that they will be self-sufficient after that. Teachers are chosen from within the community and mothers are trained to serve as teacher's aides, giving them a desperately needed sense of purpose.

Freelance photographer Gary Fabiano '89 travelled throughout Bosnia-Herzegovina to document the program in October, 1996. He visited play centers in Sarajevo, Tuzla, Mostar and neighboring municipalities, taking photographs of the children and their surroundings. Before shooting a single frame, Fabiano got to know the children. He laughed and played with them to make them comfortable with this latest stranger in their space. On the surface, he says, they are not unlike typical pre-schoolers—playful and boisterous, affectionate and sharing—but they reveal their pain in many ways.

"For the most part, children are children, it doesn't matter what language they speak," says Fabiano. "But I noticed a little more stress. You could just see it in their eyes. There's not even a word to explain the look they would get."

Fabiano found that ordinary events can trigger fits of panic in the children. At one center, he says, a child who had

*27 September, 1996. We travelled to Tuzla. Every building on our drive was destroyed. I asked Thierry to pull the truck over so I could photograph a building covered in political graffiti. I wanted to explore the building and the surrounding area more but I had this unnerving feeling about stepping on a land mine. A rule of thumb they teach here is that if you do not see anyone around it is for good reason. No one had been there in quite some time.*



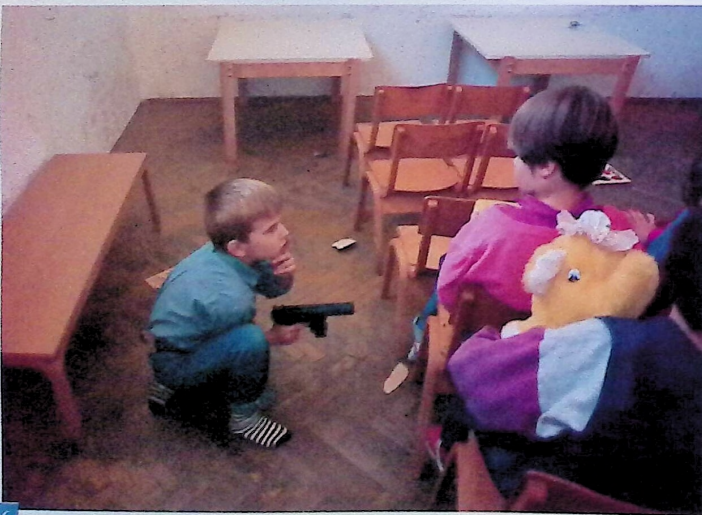
Art activities encourage free expression and build confidence

▼ Bombed-out buildings and destroyed automobiles in Sarajevo



joined the group late mistook his camera flash for a mortar blast. The boy clung tightly to his mother and forced his eyes closed, as if he were trying to disappear. "He wouldn't let go of her leg," Fabiano says. "The kid was scared to death."

Such actions are symptomatic of posttraumatic stress disorder (PTSD), a psychological condition caused by witnessing violent events, says Dr. **Holiday Adair**, Wilkes associate professor of psychology. Symptoms include an emotional numbing, heightened arousal, depression, hyperactivity and, often, involuntary flashbacks and nightmares about the disturbing events. To overcome PTSD, sufferers must learn to recreate the same events with a positive outcome.



Toy guns are common among the boys, who often act out scenes they might have witnessed during the war.

"It must be very difficult for these children, because they keep experiencing the same stimuli with the same results. They keep getting re-traumatized," says Adair. "They need to learn to think differently about the world."

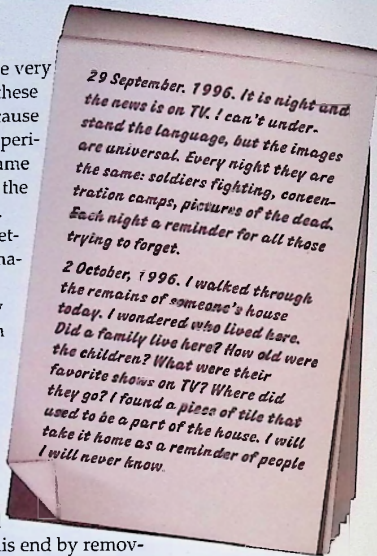
The Save the Children play groups are designed to achieve this end by removing children from the destructive environment while teaching them to share their feelings.

"They have to be able to express their emotions," says Adair. "They also need to have a support network."

The program encourages such peer interaction, and addresses problems of stress and distress through structured activities. The walls of the playrooms are decorated with crayoned artwork, some of which depicts scenes the children might have witnessed during the war, says Fabiano. These artistic exercises nurture their self-confidence and provide an outlet for free expression.

By all accounts, the program is making a difference. So far, more than 150 preschools have become self-sustaining centers of education, safety and fun for children and their families. In many communities, the schools have taken on an even greater significance—they are one of the first signs that conditions are improving. That's not a small victory, since the health and stability of the Balkan region depends upon their success. ■

—Vaughn A. Shinkus '91



*29 September, 1996. It is night and the news is on TV. I can't understand the language, but the images are universal. Every night they are the same: soldiers fighting, concentration camps, pictures of the dead. Each night a reminder for all those trying to forget.*

*2 October, 1996. I walked through the remains of someone's house today. I wondered who lived here. Did a family live here? How old were the children? What were their favorite shows on TV? Where did they go? I found a piece of tile that used to be a part of the house. I will take it home as a reminder of people I will never know.*



About the Photographer

A freelance photographer based in Manhattan, New York, Gary Fabiano has had his work published in *The New York Times*, and other international publications and distributed by United Press International.

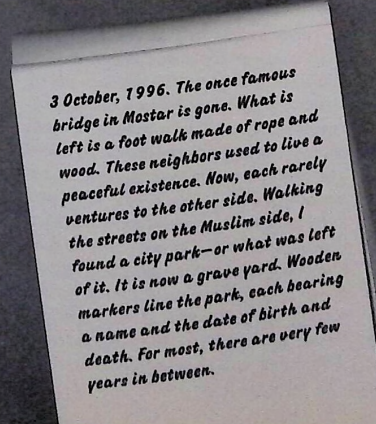
A Neptune, N.J. native, Fabiano graduated from Wilkes in 1989 with a Bachelor of Arts degree concentrated in painting and sculpture. After exploring the medium of expressionistic painting, Fabiano says he had a desire to work in a more concrete medium. He began working in photography more than two years ago because of its "ability to capture human existence."

These photographs, which were part of a group show exhibited at Amherst College's Marsh Gallery last year, are one phase of a larger project in which Fabiano documented organizations that offer experimental solutions to social problems.

"I have always been a socially conscious person," Fabiano says. "It's so easy to just point out a problem, but you never really see anyone go out of their way to offer solutions."

Fabiano says his aim is to show that the actions of a few can make a difference in helping others. He spent nearly a year in New York's Bowery mission documenting a program that rehabilitates homeless and drug addicted men who voluntarily enter to turn their lives around. He also photographed members of the community who joined the Americorp volunteer program.

"I don't think it's fair that we just tune these things out," Fabiano says. "I think it's our responsibility to do something. It's not about money, it's about just trying."



*3 October, 1996. The once famous bridge in Mostar is gone. What is left is a foot walk made of rope and wood. These neighbors used to live a peaceful existence. Now, each rarely ventures to the other side. Walking the streets on the Muslim side, I found a city park—or what was left of it. It is now a graveyard. Wooden markers line the park, each bearing a name and the date of birth and death. For most, there are very few years in between.*

# Penning the Great American Novel



By Melanie O'Donnell '93

Move over, John Grisham, Dr. Seuss and Maya Angelou... the next book on the nightstand just might have the name of a Wilkes graduate on the dust jacket. Writing—the career with a mystique perhaps only second to performing—has attracted dozens of Wilkes students across the decades, and several with the right talent and persistence have managed to make their love their livelihood.

The craft of writing opens up numerous possibilities, according to Dr. Patricia B. Heaman '61, chair of the Wilkes English department. "A person who can write can do almost anything," she says. True to her prediction, most alumni writers have turned their talents toward practical uses while exploring their creative potential.

"Everything I've done had something to do with writing," says Beverly Major Schwartz '61, who has taught in both colleges and public schools, run her own public relations agency, worked as a grant writer, and published four children's books.

Her first book, *The Magic Pizza*, published in 1978, grew out of her research for a children's literature class she was teaching. Having spent a summer reading dozens of children's books, Schwartz felt confident that she could write a children's story as well as many of the authors she was reading. At her husband's prompting, she did, and the book was accepted at the first publishing house to review it. Her second book, *Porcupine Stew*, followed in 1982; then came *Playing Sardines* (1988) and *Over Back* (1993). Another book remains unsold, and Schwartz plans to write again "if all the stars are right," she jokes. "It takes a dogged persistence."

Catherine McCormick Gourley '72 agrees. "Stay hungry," she says. "Good writers are not published because they give up." Gourley's published work includes five books (a mixture of fiction and nonfiction), short stories, and nonfiction articles, written for audiences ranging from young adults to mature readers. Her diligence has recently enabled her to pursue her writing on a full-time basis; however, she has shared Schwartz's expe-

rience of working in writing-related occupations for many years.

Gourley credits her 10-year teaching tenure and eight-year career as editor of *Read*, a magazine for young adults, with helping her to become a published author. "In teaching kids how to write, I was teaching myself how to write," she says. Her position at *Read* exposed her to the vital workings of the publishing industry. "I learned the editor's side of the desk, which is incredibly valuable as a writer," she says. It also exposed her to other contacts in the industry, and Gourley began receiving offers to do freelance nonfiction work for adolescents. Her books *Hunting Neptune's Giants* and *Sharks* are targeted for this age group, as is her upcoming biography of female aviator Beryl Markham and a short story collection she edited titled *Read If You Dare*.

Gourley's enthusiasm for her nonfiction projects—"I get excited to do something no one has done before," she says—doesn't negate her passion for her fiction writing. She has published several short stories (one of which, "Breaker Boy," was

broadcast as a play on National Public Radio) and a historical novel, *The Courtship of Joanna*. Working as a commissioned nonfiction writer enables her to devote more time to her fiction writing—a common status for many professional writers.

Balancing labors of love with writing for a reliable income is a daily routine for Martin Naparsteck '69, who, after years of teaching and newspaper writing, now also devotes himself full-time to freelance writing. While Naparsteck's publication credits include 26 short stories and two novels, his freelance nonfiction work and book reviews absorb much of his time. He sells about a half dozen short stories each year to magazines such as *Ellery Queen* and *Buffalo Spree*. "I don't make money from fiction," he admits, "but I would rather be published."

Like exercise or eating right, Naparsteck views his writing as a daily habit: "some things you do your whole life." His novel *War Song* is a good example. Begun in his creative writing class at Wilkes, the book was expanded and revised over several years, and finally published in 1980. A second novel, *A Hero's Welcome*, followed. Since the publication of his novels, Martin's focus has shifted from the Vietnam war—the topic of both books—to psychological suspense. He believes it is important to not stereotype himself as a writer and has begun to write experimental fiction. His first love, however, is the novel, which he terms "the highest art form ever created," and which is also his current creative project.

Dr. Brent Spencer '74, assistant professor of English and director of Creative Writing at Creighton University (and a published novelist and short story writer), offers these words of wisdom to his students in Creative Writing Seminar: "The point is not to learn how to write like others (and certainly not like the teacher) but how to write like yourself—a very difficult task, as any serious writer knows."

Gourley agrees that serious writers need to develop confidence in their voices. "Trust your voice to make decisions," she advises.

Tracy Youells '94 did just that. A published poet and Ph.D. candidate at SUNY-Binghamton, Youells became dissatisfied

with the medium of her art form, and sought a better way to capture the emotion of her poetry. Her answer came in the form of performance poetry.

"Performing reaches a wider audience," she explains. "It can never be the same thing twice. I treat poetry like music or drama, and I can now show students the oral aspects of poetry."

To date, Youells has performed in Madison, Wisconsin; Binghamton, New York; and is scheduled to appear in Boston at Cambridge University. For her dissertation, she plans to turn 20 of her poems into visual representations that will be installed in the Binghamton University art gallery.

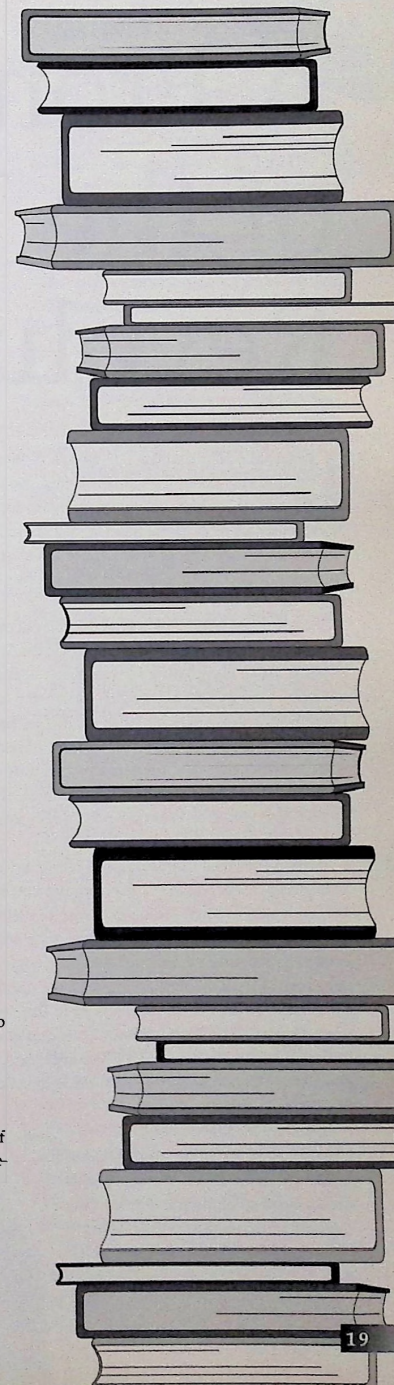
"I feel fortunate to have an opportunity to have the space to create poems and share what I do with the audience," she says. Youells is now teaching her first creative writing class. Her advice? "Read a lot. Live up to your own tastes. It doesn't matter what people say as long as you're satisfied."

Dr. Amy Elias '83, associate professor of English at the University of Alabama, tells her students to "be fearless." While Elias's publishing is usually academic, she faces industry competition similar to that of the creative writers. Like Naparsteck and Schwartz, Elias has discovered that getting published depends largely upon the "trendy" material publishers are seeking at the time. That can be dangerous for young scholars and writers, she says, who can lose sight of the path that is right for them. "If you love your work and you see yourself as having something valuable to say," she advises, "there are places you can have that listened to. Do it because you like it, and it will withstand the passage of time."

"There is room in this country for 20 to 40 writers of good fiction," claims Naparsteck. "Unfortunately, there's a thousand of them." And Schwartz won't deny the existence of luck, either. "Just write and write and write. It's a matter of the right place at the right time. Do something all the time. Be persistent."

Then there is always the tongue-in-cheek mantra from John Gardner's *The Art of Fiction*, the virtual bible of many a creative writing seminar:

"Whatever works is good." ■



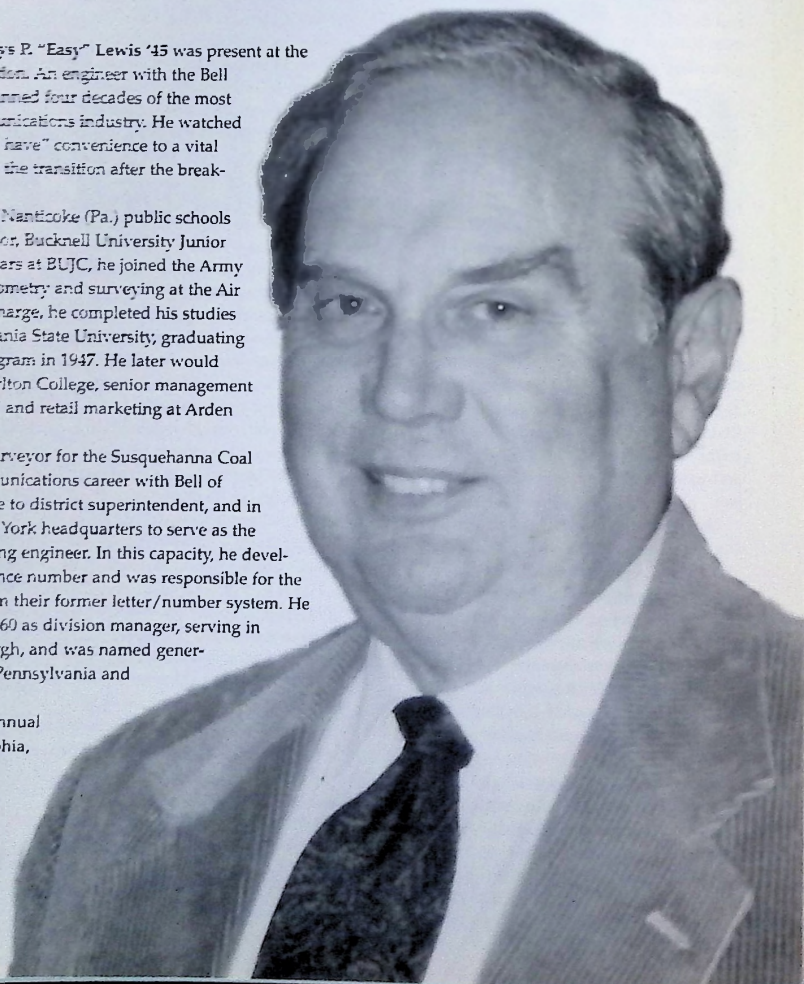
# A Front Row View of the Technological Revolution

**I**t might be said that the late Emrys P. "Easy" Lewis '45 was present at the birth of the technological revolution. An engineer with the Bell Telephone System, his career spanned four decades of the most spectacular growth in the telecommunications industry. He watched the telephone evolve from a "nice to have" convenience to a vital necessity, and played a major role in the transition after the break-up of the Ma Bell monopoly.

Born July 3, 1926, Lewis attended Nanticoke (Pa.) public schools and matriculated at Wilkes's precursor, Bucknell University Junior College. After completing his two years at BUJC, he joined the Army Air Force and taught algebra, trigonometry and surveying at the Air Force Engineering School. After discharge, he completed his studies in electrical engineering at Pennsylvania State University, graduating with honors from an accelerated program in 1947. He later would study leadership development at Carlton College, senior management at MIT, marketing at Wharton School and retail marketing at Arden House Columbia.

After a stint as an underground surveyor for the Susquehanna Coal Company, Lewis began his telecommunications career with Bell of Pennsylvania in 1949. He quickly rose to district superintendent, and in 1958 was transferred to AT&T's New York headquarters to serve as the system's first number services planning engineer. In this capacity, he developed the "555-1212" directory assistance number and was responsible for the conversion of telephone numbers from their former letter/number system. He returned to Bell of Pennsylvania in 1960 as division manager, serving in Philadelphia, Harrisburg and Pittsburgh, and was named general manager of Marketing for Eastern Pennsylvania and Delaware in 1968.

In 1976, he coordinated the 100th annual meeting of AT&T Company, Philadelphia, which commemorated the first public demonstration of the telephone at the Centennial Exhibition at Fairmount Park in 1876.



When the anti-trust settlement that established the "baby Bell" local telephone companies was announced in 1982, Lewis rejoined AT&T to devise a business plan for managing divestiture of the company's \$13 billion phone, teletype and equipment leasing assets. Before retiring from AT&T in 1984, he was based in Washington as area vice president, establishing business operations for the company's six-state Middle Atlantic Region.

Upon retirement, he served as director of Marketing at Blue Bell, Pa.-based consulting firm Henkels & McCoy. Before his death in March, he summarized the advances in telecommunications he witnessed throughout his career. Below are excerpts from his essay, "What Happened to the Bell System: A Perspective from the Front Seat on the Trip."

## THE IMMEDIATE NEED - POSTWAR

Lewis began his career during the period of unprecedented demand for telephone service that followed World War II. Only two thirds of American households had telephone service, and one third of existing exchanges were manually switched—callers were greeted by an operator rather than today's familiar dial tone.

"The immediate need was to cope with the unprecedented demand for telephone service to serve the (segment) of the population that now seemed suddenly to find a need for telephone service," wrote Lewis. "As veterans returned, finished their education, and began to establish family units, housing developments sprang up everywhere, with consequent demand for telephone service. Some of that demand came from veterans who, when they were in the service, found the telephone a valuable link to home."

According to Lewis, this rapid growth rate was straining the country's investment capital and exhausting the supply of employable females, who served as switchers and operators in the days before mechanized switching. This put pressure on the industry to convert—at a significant cost—from manual exchanges

to electromagnetic equipment which would allow customer dialing. Direct dialing was made available as fast as automatic switching systems and billing systems could be installed in exchanges, but much of the old dial equipment was still unable to route and bill calls.

"It would be another 18 years before it was all replaced," wrote Lewis. "Customer dialing of long distance calls also helped with the demographics problem of not enough employable women, since it began to reduce the number of operators needed. Rate structures were revised to make calls cheaper when dialed direct and more expensive when an operator assisted. This incentive drove customers to dial their own calls when possible. It wouldn't be until the 1970's when men began to appear as operators under the pressure of equal employment opportunity to help with the demographics of available women."

## TELEPHONE RATES AND NEW TECHNOLOGY

In the 1950's, the heightened cost of replacing manual equipment with electromagnetic equipment made an increase in local telephone rates necessary. According to Lewis, rate increases were only begrudgingly granted by state utility commissions, who worried about the political implications of increasing voters' utility rates.

Technology had the opposite result on the long distance business. In 1949, a long distance circuit cost \$60 per circuit mile on copper wires. By the time Lewis retired, the cost had dropped to less than \$1 per circuit mile because of fiber optic technology, which enables a strand slightly larger than a human hair to carry up to 12,000 conversations.

"One can quickly see that one 48 fiber cable which is about the size of my middle finger could carry 240,000 conversations or more with this technology," wrote Lewis. "This change in technology drove down the cost of long distance calling tremendously. Those users who benefited were mostly businesses."

## OPENING THE DOOR TO COMPETITION

Lewis was on the inside as the FCC made several decisions that gradually opened the door to competition against AT&T. In 1956, the so-called "Final Judgment" settlement of a 1949 anti-trust case required AT&T to license all of its Bell Labs inventions to all who paid a license fee, and restricted AT&T to provide only telephone-related services. A 1958 decision made bandwidth available for microwave use, allowing other companies to build microwave transmitters for internal communications and, in some cases, for regular telephone communications. The final decision that opened the door for competition against Ma Bell was the 1967 Carterphone decision, which enabled non-Bell System devices to be connected to Bell System lines. Soon after, MCI blossomed with a microwave system from Chicago to St. Louis to handle long distance business from former Bell System customers at a rate below AT&T rates.

"From this point on, competition was a way of life, but the Bell System was regulated by tariffs and by FCC constraints, while competitors were free to attack the telephone company markets wherever they chose," wrote Lewis. "And compete they did. MCI grew stronger and expanded into new areas and new technology, Sprint appeared and they both underpriced AT&T because of the regulatory cost structure under which AT&T operated."

## DIVESTITURE AGREEMENT

"In 1975, the Department of Justice filed an anti-trust case again against the Bell System rendering the Final Judgment not so final," wrote Lewis. "This was settled by a divestiture agreement on January 8, 1982—which became effective on January 1, 1984—called the Modified Final Judgment. There was still hope that it would be final."

The case was a continuing drain on the energies of the AT&T Company, according to Lewis. Competitors were under-

pricing AT&T services because of the subsidy AT&T carried for local service. It was becoming clear that the case would not be resolved for years, if ever. Meanwhile competitors were attacking markets everywhere and the Bell System was restricted in its response by the 1956 antitrust settlement.

"While the hearings carried on there obviously were back room discussions going on and various proposals being made. One such that I was aware of was an accounting separation where monopoly services would be accounted for separately from competitive services in return for relief from the 1956 decree and some other benefits. This idea held sway for quite a while but finally was rejected as unworkable. There were too many situations that could not be defined clearly as competitive or monopoly."

It was finally becoming clear to those at AT&T that a restructuring and break-up was the only solution to an interminable anti-trust case, wrote Lewis. On January 8, 1982, Charles Brown, AT&T chairman and William Baxter, attorney general, announced that the Bell System would be broken up and begin operating as separate entities on January 1, 1984.

Local services would be provided by seven regional Bell companies and long distance service could be provided by other companies. The seven baby Bells were defined and had to be named.

Wrote Lewis, "We had some fun coming up with potential names, like "Yankee Bell," "Liberty Bell," "Southern Belle," "Cow Bell," "Tinker Bell," but in due course saner people took over and the names you know today were coined."

## MOVING ON AFTER THE DEATH OF MA BELL

As staff director in March 1982, Lewis's job was to devise a business plan for managing divestiture of the company's \$13 billion phone, teletype and equipment leasing assets. Records of the equipment, its revenue stream, age, condition,

and depreciation were scattered across the 21 telephone companies at the Bell System.

"Rates for the same piece of equipment were different in different states. Bill formats were different in different places. We had to think about what would be needed to bill, order, install, repair, depreciate and market the telephone equipment on customers premises... For each function we had to look at it and decide what it should be like after January 1, 1984."

A year later, Lewis was charged with setting up business service operation in the system's Middle Atlantic region, which employed 2,250 people in six states. Throughout the transition, existing systems were kept operating to maintain continuity of service.

"On January 1, 1984 we were on our own. It was an emotionally charged moment, gut wrenching and an emotional high at the same time. Old Ma Bell was dead. It would never be the same again. And fortunately everything worked."

## THOUGHTS ON DIVESTITURE

Lewis believed that divestiture was the only way to settle the anti-trust case, and that it allowed AT&T to compete without restriction in any business it could manage.

"It was a good move," he wrote. "Customers have more choices.

Technology moves at a faster pace without the dead hand of regulation on it. The telephone companies are more aggressively looking at new opportunities as cable service providers, bandwidth purveyors, long distance

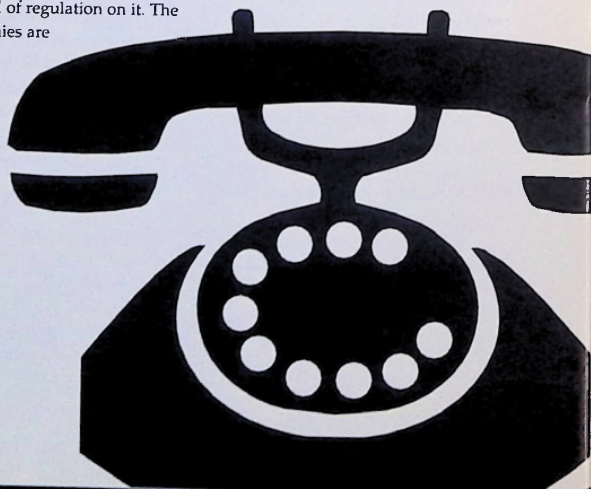
providers and various other opportunities.

"None of this would have been possible before the divestiture and the regulatory climate that then existed. As I see it, the break-up of the Bell System unleashed dynamic forces in technology, management, and business that are carrying us to a better future."

Lewis anticipated that competition for providing residential two-way communication would heighten in the late 1990s. "With cable companies already connected to the home and telephone companies connected as well, there is sure to be efforts by each one to get into the others business and pre-empt the competitors revenue stream."

His prediction was correct. In 1996, Congress passed the Telecommunications Act of 1996, which allows competition among telephone, cable and other telecommunications providers. The legislation has created a race for dominance in the market, as cable and telephone companies scramble to develop technologies and overtake the others.

Wrote Lewis, "Who will win? It's too early to tell... Stay tuned for future developments because communication technology is so dynamic that what is not possible today will be possible with the next technological break-through tomorrow in this competitive world." ■



## Wilkes License Plates Available

Specialized Wilkes University Alumni license plates have been produced and are now available from the Pennsylvania Department of Transportation.

The special organization plates are emblazoned with the Wilkes



University emblem and marked "Wilkes University Alumni." They are available for Pennsylvania registered passenger cars, motor homes and trucks with a gross weight of less than 9,000 pounds. Motorcycles and trailers do not qualify, and personalized plates are not available. A one time fee of \$20, separate from annual registration fees, is charged for each plate.

To receive an application form, contact the Alumni Office.

## Regional Alumni Chapters Hold First Events

Alumni in New York and Pennsylvania cities have organized regional chapters and held premiere gatherings of Wilkes alumni from their area.

The New York City Chapter, led by chapter president **Rick Fuerman '91**, hosted an October wine tasting event on October 8 at the Gramercy Park Hotel in Manhattan. Several alumni from the New York City area attended. Ron Kapon of the Wine Taster's Guild gave wine tasting.

More than 40 Philadelphia-area alumni attended the Great Philadelphia Cheesesteak Event held October 12 on Boathouse Row. Wilkes president **Christopher Breiseth** presented a Wilkes banner to chapter president **David Yakaitis '78**.

Dean **George Raiston** and his wife, **Helen**, were special guests at the Twin Tiers chapter Fall Fling Dinner, held October 24 at the Shepard Hills Country Club, Waverly, New York. Planned by chapter president **Dr. Mario Silvestri '82** and vice president **Dr. David Talenti '84**, the event drew more than 25 alumni from the Binghamton area.

In the Wilkes-Barre-area, the Luzerne County chapter hosted a November beer tasting event at the Lion Brewery, Inc. for alumni from the region.

Alumni in Harrisburg have been meeting for several years and often hold dinner gatherings in the area. The group is led by **Carl Juris '59**.

Alumni chapters are designed to initiate and promote activities that further the welfare of Wilkes and its alumni, foster a dialogue about the changing nature of the University, assist in

job advisement and career development, and provide an opportunity for Wilkes alumni to socialize.

For information about joining or forming an alumni chapter in your area, contact the Alumni Office.

## Planning for Reunion Weekend 1998 Underway

The Alumni Association is making plans for Reunion Weekend 1998, which will be held June 5-7, 1998 on campus.

Alumni from the classes of '38, '43, '48, '53, '58, '63, '68, '73, '78, '83, '88 and '93 are invited back to campus to celebrate their reunion. Plans include a Friday evening reception, class meetings, an outdoor barbecue, an all-class dinner and the traditional Golden Colonel brunch.

Steering committees are being formed of alumni from each class to plan special class activities, locate missing alumni, and help promote Reunion Weekend events. The Alumni Office has prepared a Reunion Planning Handbook to assist class chairs and committee members in planning their events.

Committee chairs are: **Atty. Joseph J. Savitz '48**, 50th reunion class; **Atty. Theodore Krohn '53**, 45th Reunion Class; **Ronald Tremayne '58**, 40th Reunion Class; **Gerald J. Zezza, Jr. '63**, 35th Reunion Class; **Dr. Elizabeth Slaughter '68**, 30th Reunion Class; **Atty. Linell Lukesh '72**, 25th Reunion Class; **Dr. Thomas G. Urosevich '83**, 15th Reunion Class; **Angelo J. Bertinelli '88**, **Craig Rome '88** and **Michelle Rovinsky '88**, 10th Reunion Class; **Jacqueline (Jadi) Willison '93**, 5th Reunion Class.

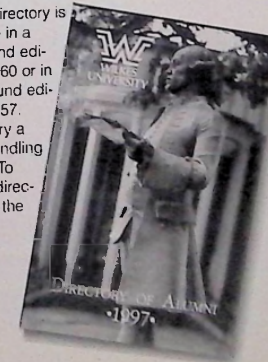
If you are a member of one of the Reunion classes and would like to help plan your reunion activities, contact the Alumni Office.

## Alumni Directory Still Available

The Alumni Association, in conjunction with Bernard C. Harris Publishing Company, Inc., has released a directory of more than 21,000 Wilkes alumni.

The directory includes current address, phone, academic, business and e-mail information obtained from Alumni Office records and a mailing to the alumni body.

The directory is available in a hardbound edition for \$60 or in a softbound edition for \$57. Both carry a \$7.95 handling charge. To order a directory, call the Alumni Office.



**FEBRUARY 6-15, 1998**

**President Christopher N. Breiseth Florida Tour**  
Tampa Bay, Naples, Miami, Orlando

**MARCH 28, 1998**

**Fourth Annual Alumni Scholarship Dinner Dance**  
The Woodlands Inn and Resort

**JUNE 5-7, 1998**

**Reunion Weekend 1998**  
Wilkes Campus

**SEPTEMBER 18-20, 1998**

**Homecoming Weekend**  
Wilkes Campus

## ALUMNI OFFICE CONTACT INFORMATION

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extension 4130

**Email:**  
alumail@colonel.csc.wilkes.edu

**Mail:** Alumni Office  
Wilkes University  
P.O. Box 111  
Wilkes-Barre, PA 18706

# SURGEON, CEO GIVEN TOP ALUMNI AWARDS

A physician and businessman were presented with the Alumni Association top awards at commencement ceremonies in May and August.

## DISTINGUISHED YOUNG ALUMNUS AWARD

Neurosurgeon **David J. Sedor, M.D.** '85 was presented the Distinguished Young Alumnus Award at 50th annual spring commencement exercises in May.

Sedor is a partner with Neurosurgical Specialties of Northeastern Pennsylvania, based in Wilkes-Barre. He has been honored by members of the Northeastern Pennsylvania medical community for his efforts to establish a new medical procedure in the region. Sedor has spearheaded a movement to obtain Gamma Knife technology, a non-invasive method of removing brain tumors which is currently available in only 28 locations throughout the country.

In a nominating letter for the award, the parents of a former Wilkes student treated by Sedor praised his professionalism and expertise. **Christopher "C. B." Miller** was critically injured after falling from a third floor porch after the railing failed. Sedor first served as Miller's primary physician and later coordinated the team of medical workers who provided his care.

"Although Dr. Sedor tends to downplay his impact on the overall survival of C.B., Miller's father, Michael, wrote, "it is our opinion that he was responsible for saving our son's life. He utilized the latest in treatment philosophy and techniques to bring C.B. from the edge of death... Without David Sedor we would not be witnessing the major miracle of our lives."

Sedor received his doctor of medicine degree with honors from Hahnemann University School of Medicine.

Philadelphia, Pa. He served surgical residencies at Children's Hospital of Pittsburgh (Pa.), and Robert Packer Hospital, Sayre, Pa., and neurosurgical residencies at University of Connecticut, Farmington, Conn. and Hahnemann University. He is a member of the Alpha Omega Alpha Honor Society, and the American, Pennsylvania and Luzerne County Medical Societies.

The Distinguished Young Alumnus Award is given annually to a Wilkes alumnus graduated within the past 15 years who best exemplifies the traditions of Wilkes University: vision, understanding of people, maintenance of convictions and loyalty, respect for difference and adherence to ideals that create unity and good will amidst diversity.

*Alumni Association President William Goldsworthy, Jr. '76 presents the Distinguished Young Alumnus Award to Neurosurgeon David J. Sedor, M.D. '85.*



## EUGENE S. FARLEY MEMORIAL ALUMNI AWARD

**William P. Montague '68, M'77**, president and chief operating officer of Clarence, New York corporation Mark IV Industries, Inc., was given the Eugene S. Farley Memorial Alumni Award at summer commencement ceremonies in August.

Montague's former accounting professor and "hero," **President Emeritus Robert Capin** presented the award, praising Montague's determined work ethic and success. "(Montague) represents the best of our expectations for our students," Capin said.

A 1968 graduate of Wilkes with a bachelor's degree in accounting, Montague earned his MBA from the University in 1977. He joined Mark IV as controller in 1972, after serving for four years as senior accountant with accounting firm Deloitte and Touche. He has advanced steadily through the corporate ranks at Mark IV, serving as treasurer, vice president of finance and chief financial officer before being named president and chief operating officer in 1996.

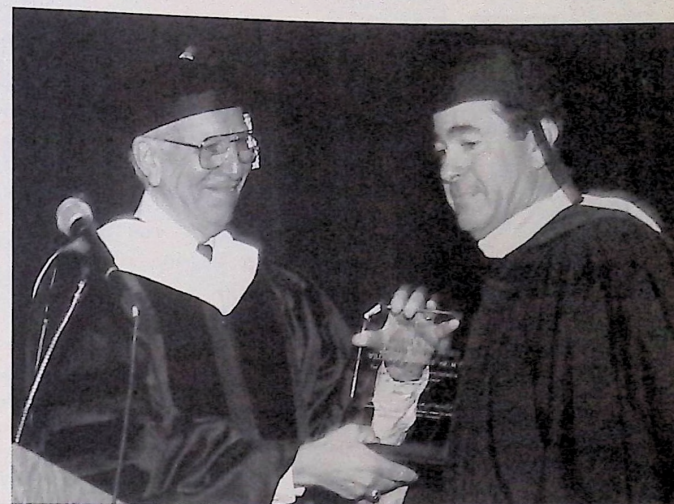
Montague is a certified public account-

ant in New York and Pennsylvania and a member of the Financial Executive Institute and the American Institute of Certified Public Accountants. In 1989, he was named Western New York Accountant of the Year. He also serves as a director of Gibraltar Steel Corporation and International Imaging Materials, Inc.

Active in the community, Montague serves as a member of the finance advisory board at St. Gregory The Great Church, of the council on accountancy at Canisius College and on the board of directors at Children's Hospital of Buffalo and the University of Buffalo Foundation.

Named for Wilkes's first president, the Eugene S. Farley Memorial Alumni Award is presented annually to an alumnus who epitomizes the characteristics of an educated person as formulated and adopted by the Wilkes faculty in the 1948 creed, "Marks of an Educated Person."

Sedor and Montague were selected for the awards by the University's Alumni Association board of directors from nominees provided by faculty, friends and fellow alumni. ■



*William P. Montague '68, M'77, chief operating officer of Clarence, New York corporation Mark IV Industries, Inc., receives the Eugene S. Farley Memorial Alumni Award from his former professor, President Emeritus Robert S. Capin.*

## PREVIOUS RECIPIENTS:

### Eugene S. Farley Memorial Alumni Award

1980 - J. Warren Blaker, Ph.D. '55  
1981 - Joseph P. Lord, Ph.D. '35  
1982 - The Hon. Jeffrey H. Gallet '64  
1983 - William F. Raub, Ph.D. '61  
1984 - Paul A. Wender, Ph.D., '69  
1985 - Selina L. Edwards Reed, '40  
1986 - Catherine DeAngelis, M.D., '65  
1987 - Charles A. Sorber, Ph.D. '59  
1988 - Jesse Choper, S.S. '57  
1989 - William H. Tremayne '57  
1990 - William R. Mainwaring '65

1991 - Frank Zane, B.S. '64  
1992 - John J. Pikulski, Ph.D. '63  
1993 - Charles N. Burns, Sr. M.D. '35  
1994 - The Hon. Jeremiah E. Berk '63  
1995 - Demetrios G. Papademetriou, Ph.D. '70  
1996 - Merri Jones Earl '58

### Distinguished Young Alumnus Award

1980 - Dan F. Kopen, M.D. '70  
1981 - Stephen A. Keiper '73  
1982 - Eduardo Marban, Ph.D. '74  
1983 - Nancelee M. Landi '75

1984 - Christine Donahue, '74  
1985 - Paul A. Chromey, D.P.M. '76  
1986 - Paul Domowitch '77  
1987 - James H. Calkins, Esq. '76  
1988 - Gregory F. Hollis '74  
1989 - Capt. William Urosevich '76  
1990 - Capt. Patricia A. Patrician '82  
1991 - Joseph W. Dettmore '76  
1992 - Chris Woolverton, Ph.D. '82  
1993 - John H. Ellis IV, M.D. '79  
1994 - Robert C. Olivia, B.M. '86  
1995 - Jeffrey S. Yablon, M.D. '80  
1996 - Patricia J. Arthur, B.S. '86

## MARKS OF AN EDUCATED PERSON:

- Seeks truth, for without truth there can be no understanding;
- Possesses vision, for vision precedes all great attainments;
- Is aware of the diversity of ideas and beliefs that exist among people;
- Knows that progress requires intellectual vigor, moral courage and physical endurance;
- Cultivates inner resources and spiritual strength, for they enrich our daily living and sustain us in times of crisis;
- Has ethical standards which form the basis for creating and maintaining personal and public relationships;
- Respects the religious convictions of all;
- Participates constructively in the social, economic, cultural, and political life of the community;
- Communicates ideas in a manner that assures understanding, for understanding unites us all in our search for truth.



## COACH SHEPTOCK HONORED FOR GRIDIRON ACHIEVEMENTS

Frank Sheptock is a hands-on kinda' guy. Wilkes's head football coach likes to get in the middle of the action and show his players how it's done. A three-time former All-American at Bloomsburg University, Sheptock certainly knows how to play the game.

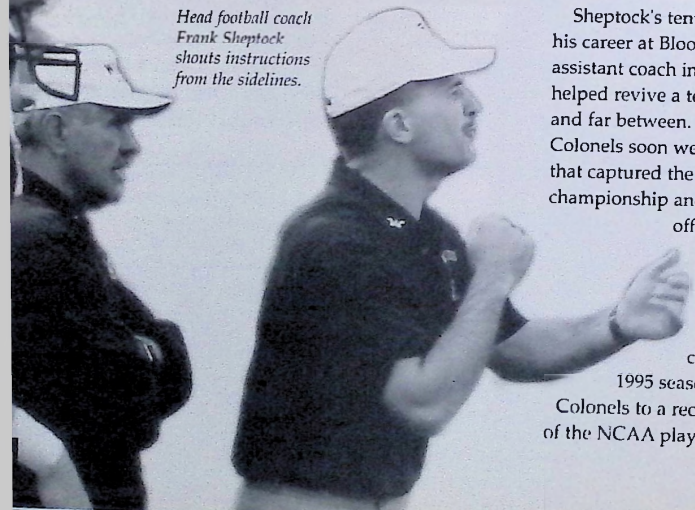
Need proof? Ask the committee of current and former sports information directors who recently voted him one of the best Division II players of the last quarter century.

The voting comes as Division II celebrates its 25th anniversary, with the players to be honored before the NCAA Division II National Championship game in Florence, Alabama on December 13th.

Several days before the team was announced, Sheptock received a call alerting him of his selection as a linebacker. He is still in awe.

"I'm humbled by the fact I am included on a team which features a few NFL Hall of Famers and several who are still playing professionally," says Sheptock. "This is certainly an honor I will treasure for the rest of my life. Never did I consider myself part of the elite in my sport, but it's nice to know that someone has recognized my accomplishments."

Head football coach Frank Sheptock shouts instructions from the sidelines.



Former Wilkes head coach Joe DeMelfi, who coached Sheptock on defense at Bloomsburg and brought him to Wilkes in 1990, is not surprised about the honor given to his former assistant coach.

"I'm pleased but not surprised that Sheptock was named to this team," says DeMelfi. "He was someone who had a great deal of success during a time when Bloomsburg began to experience success as a team. Frank is one of the better players in their school history."

"I always knew that Frank would be successful because he was a very dedicated and disciplined player in high school," adds DeMelfi. "This is a great honor for him."

Among those joining Sheptock on the team are former Chicago Bears great **Walter Payton**, who played at Jackson State; Buffalo Bills star **Andre Reed**, who played at Kutztown; Pittsburgh Steelers alumni **John Stallworth**, who played at Alabama A&M, and **Greg Lloyd**, who played at Fort Valley State; and former New York Giants punter **Sean Landetta**, who played at Towson State.

At Bloomsburg, Sheptock was a three-time All-East Linebacker as well as a four time All-Pennsylvania first team choice. He still holds Bloomsburg records for tackles in a game, with 23; tackles in a season, with 159; and tackles in a career, with 537; in addition to most fumble recoveries in a career, with 12.

Sheptock helped Bloomsburg revive a program that had gone 0-10 the year before his arrival. During his career at Bloomsburg, the Huskies won more games each year and reached the NCAA Division II Final Four during his senior year. That team finished with a record of 12-1 and won the Pennsylvania State Athletic Conference Championship.

Sheptock's tenure as a coach at Wilkes has paralleled his career at Bloomsburg. Joining the University as an assistant coach in 1990 with Joe DeMelfi, Sheptock helped revive a team that had seen victories come few and far between. Under DeMelfi and Sheptock, the Colonels soon were transformed into a winning group that captured the 1993 Middle Atlantic Conference championship and earned a berth in the NCAA playoffs. In 1994 and 1996, the Colonels also reached the ECAC championship game, winning the 1994 Southeast Championship.

Sheptock was named head coach when DeMelfi retired after the 1995 season. In his first season, he guided the Colonels to a record of 8-3 and came within one game of the NCAA playoffs. ■

## LADY COLONELS FIGHT CANCER WITH THREE POINT ATTACK

After watching **Jenny Casterline** suffer with cancer, Wilkes head women's basketball Coach **Karen Haag** knew she had to do something to help others affected by the disease.

Jenny, sister of Lady Colonels' assistant coach **Renee Casterline '97**, was an avid Wilkes basketball fan and fine player in her own right. Her death from leukemia in April, 1995 impelled Haag to get involved with the Coaches versus Cancer Three Point Attack program. Sponsored by the American Cancer Society, the program raises funds by soliciting donations based on the number of three-point baskets made by a team throughout the season.

"This is an important cause for me and for the team," Haag says. "I've seen Jenny suffer from cancer and I'm hoping, as a team, we can do something to help others and promote cancer research."

Members of the team will solicit sponsors, who will make a donation for each three pointer made by the Lady Colonels, according to Haag. Based on last years' team record of 114 three-point baskets, a pledge of 25 cents would raise \$28.50 for the American Cancer Society. A pledge of 50 cents for each three pointer would net \$57. The previous year, the team hit 95 three pointers.

"We hope anyone who has been affected by cancer will get involved with this worthwhile project and make a pledge," Haag says.

The Three-Point Attack is the first national fundraising effort of the Coaches vs. Cancer alliance, which was formed in October, 1993 between the Association of Basketball Coaches and the American Cancer Society. The program is aimed at raising funds to support the American Cancer Society's three-pronged approach to fighting cancer through research, patient services and education. The program is sponsored by IKON Office Solutions.

For the past two years, several schools throughout Pennsylvania have gotten involved with the program. Teams from West Chester University, Pennsylvania State University, York College, Westminster College and others have participated, raising thousands of dollars for the American Cancer Society.

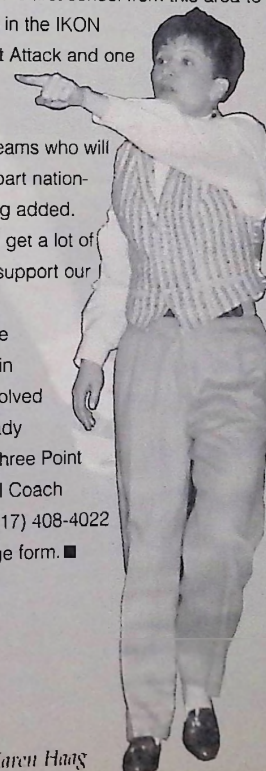
"We are the first school from this area to participate in the IKON Three Point Attack and one of only a handful of women's teams who will be taking part nationwide," Haag added. "I hope we get a lot of people to support our efforts."

If you are interested in getting involved with the Lady Colonels Three Point Attack, call Coach Haag at (717) 408-4022 for a pledge form. ■



*"This is an important cause for me and for the team. I'm hoping, as a team, we can do something to help others and promote cancer research."*

**Karen Haag**  
Women's Basketball Coach



Coach Karen Haag

FEAR OF FLYING

# TERROR in the Friendly Skies

By Anthony L. Liuzzo, J.D., Ph.D.



*"The kidnappers fed us twice. In the first instance, we were given only a small package of broken peanuts, accompanied by the juice of a fruit I am certain came not from this world."*

If any well-meaning person should stumble onto this writing, please send help. For I have been taken hostage by malevolent forces who reside within the very boundaries of our great country. This nefarious group refers to itself only as "The Carrier."

My kidnapping was in great part the result of my own negligence. I willingly and foolishly entered a territory controlled by their armies, an edifice aptly named "The Terminal." Once within the confines of this den of depravity, I was compelled to show proof of identity, and was provided with official documentation, written in a strange foreign language comprehensible only to those with great training in the terminology of law and engineering. All of my possessions were forcibly removed from my person, contemptuously flung upon a hideous conveyor system, and removed from my sight forever. I was left holding one small parcel, containing only the most intimate items for my personal hygiene.

I was then forced to walk a great distance, to an area the enemy referred to as "The Gate." Upon nearing my destination, downtrodden and sullen, I was required to empty my pockets and pass through a device that sent dangerous rays throughout my body, while my belongings were subjected to a similar mistreatment on another conveying device. I did manage to escape unscathed, although several of my fellow hostages did not fare as well.

Implicitly, they set off the ringing of alarm bells, and, although I am uncertain as to their veracity, some related tales of strip searches and other unspeakable violations of privacy.

After waiting many hours, huddled together on stiff benches, I and the other hostages were herded by uniformed guards into a huge box made of a cold metallic substance and strapped into cramped, hard seats. After an interminable delay, we were hurled into the air.

I cannot speak with certainty as to what occurred next, for I entered into a dream-like state. I can say that I was gravely mistreated, being kicked in the back on numerous occasions, and having my knees and shins struck many times from the front. We were bombarded with an endless stream of propaganda, in the form of reading materials, video cassettes, and audio broadcasts. In many cases, I witnessed my fellow hostages being forced to turn over monies to the uniformed attendants. On a couple of occasions, our bodies were subjected to extreme shaking and vibration, which our captors referred to as "The Turbulence."

The kidnappers fed us twice. In the first instance, we were given only a small package of broken peanuts, accompanied by the juice of a fruit I am certain came not from this world. One hostage, whose name I never learned, asked in an Oliverian tone for additional quantities, which the uniformed guard simply ignored. Our second meal was provided in a box, and consisted of a meat derived from an animal of which I am unfamiliar. This was covered with an unidentifiable spread, accompanied by a stale bread-like product and brown lettuce. Black, muddied water was provided in ample quantities, with powdery substances to sweeten and whiten the mixture, so as to make it palatable.

After many hours, we were finally released, but in a place far distant from our point of departure. I now long for my home and my family, but I have been warned that I must once again place myself under the control of the Carrier, if I am ever to return. I have vowed that I would accept death rather than voluntarily cede my liberty!

*Anthony L. Liuzzo, J.D., Ph.D. is associate professor of Business Administration and Economics at Wilkes University. He is currently in the market for a good pair of walking shoes.*

# You can make a difference.

Wilkes University is looking for alumni and friends to participate in our Volunteer Enrollment Program. A Wilkes University volunteer has fond memories of Bucknell University Junior College, Wilkes College, or Wilkes University. As a volunteer, you will be asked to participate in outreach activities in your region that promote the benefits of becoming a student at Wilkes University.



*If you have any questions please call the Admissions Office (1-800-WILKESU ext. 4400), and tell the receptionist that you have a question regarding the Volunteer Enrollment Program.*

### PROVIDE STUDENT REFERRALS

You will receive referral forms from the Admissions Office. Fill these forms out with the names of high school students that you think would benefit from a Wilkes University education. The Admissions Office will send a letter to the student acknowledging that you have referred this person as a possible Wilkes University student. You may also indicate that you wish to bring this student on a visit or participate in any of the other volunteer plans with this student.

### CONTACT ACCEPTED STUDENTS

You will receive a list or data file of no more than 10 students from your area to contact during the course of the year. Your participation includes writing at least one letter and following up with at least one phone call. You may also, if you wish, meet face-to-face with prospective students.

### REPRESENT WILKES AT COLLEGE FAIRS

You could be asked by the admissions office to cover a regional college fair near your home. These are information fairs that prospective high school students attend to get information on colleges. You would work the Wilkes University booth at the fair.

### HOST REGIONAL ADMISSIONS EVENTS IN YOUR AREA

You can volunteer to host a regional recruiting event. These events can be held at your home, place of work, or at a local hotel. The host/sponsor works with the Admissions Office on a suitable time and place for the event.

### ATTEND RECRUITING EVENTS

When a regional recruiting event is held in your area, you will be invited to attend. You will be asked to talk about Wilkes with prospective students and their families.

To participate in the Volunteer Enrollment Program, complete this form and mail it to: Admissions Office, Wilkes University, P.O. Box 111, Wilkes-Barre, PA 18766.

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 First Name \_\_\_\_\_ Occupation \_\_\_\_\_  
 Preferred Name \_\_\_\_\_ Please check the program in which you have an interest:  
 Title \_\_\_\_\_  Student Referrals  
 Street \_\_\_\_\_  Contact Accepted Students  
 City \_\_\_\_\_  College Fairs  
 State \_\_\_\_\_ Zip Code \_\_\_\_\_  Regional Event Host and Sponsor  
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