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Scranton firm donates equipment to Wilkes

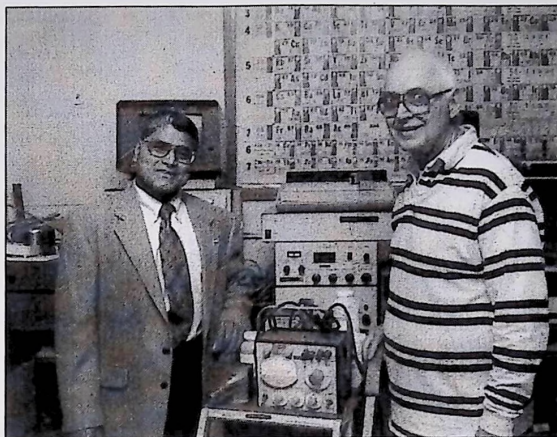
Wilkes University recently received a donation of technical equipment worth more than \$77,000 from Dr. Benoy Chowdhury, owner of Matech Associates, the Scranton-based materials technology group that served clients in all 50 states.

The 58 pieces of equipment and parts will be utilized by the University's Chemistry Department for instruction in thermo-chemistry, polymer characterization and thermal evaluation of materials and by the Department of Engineering for instruction in insulation resistance, volume and surface resistivity, breakdown voltage and dielectric properties.

"The equipment donated by Dr. Chowdhury will be employed by students to gain hands-on laboratory experience in numerous projects of academic and industrial significance," said Dr. John Orehtsky, Professor of Physics and Engineering at Wilkes University. "Projects will be designed to integrate training and the concerns of regional industry in order to most thoroughly prepare the students for entering into the work force."

Dr. Chowdhury, who will soon retire from Matech Associates, donated the equipment as a gift-in-kind to Wilkes.

"The equipment served my company for more than twelve years," said Chowdhury. "Now it



Dr. Benoy Chowdhury, owner of Matech Associates, at left, looks at some of the donated equipment with Dr. Roger Maxwell, professor and chair of the engineering and Physics department.

is my hope that Wilkes students will benefit from using the instruments as learning tools. The equipment will help train them to become knowledgeable chemists and engineers of tomorrow."

A chartered chemist, Dr. Chowdhury is a member of the American Chemical Society (ACS) and is the Past Chairman of the ACS North Jersey Topical Group.

He has served as a member, edi-

tor, program chairman and publications chairman of the North American Thermal Analysis Society (NATAS). He was also elected a member of the Royal Society of Chemistry of Great Britain and is an active member of the International Confederation for Thermal Analysis and Calorimetry (ICTAC).

Dr. Chowdhury resides at Wallenpaupack Lake Estates with his wife.

N.V. 12-3-97

Newspaper in Education

'Uncle Hucklebuck's Science Show' debuts at Fairview

By Debby Higgins
Citizens' Voice NIE Coordinator

What effect does corn syrup have on a laser beam? What's the difference between reflection and refraction? How much iron is there in a bowl of Cheerios?

Students in the sixth grade science classes of Mary Petros at Fairview Elementary School, Mountaintop, had an opportunity to see first-hand just how science affects their lives when Uncle Hucklebuck's Whirlwind Traveling Science and Vaudeville Show visited their school. Coordinated through the Citizens' Voice Newspaper in Education program and Wilkes University, the show brings scientists of various backgrounds into local schools to introduce in an entertaining fashion a wide range of scientific principles to non-college students in elementary through high school grade levels.

Uncle Hucklebuck, better known

to his students at Wilkes University as Professor Roger Maxwell, chair of the chemistry and physics departments, and six of his university students demonstrated some interesting scientific techniques and experiments. Coupling sound scientific facts with simple, everyday items to explain the how and why of light waves, chemical reactions, extracting elements and light diffusion, among other principles, Maxwell and his students made science not only entertaining, but educational.

"This was very good for the students. They were able to see experiments and demonstrations we aren't able to do in class. We can't show them everything in our capacity. This program brings another view to them," Petros explained.

Using a coiled "Slinky" toy, Maxwell and physics students Robin Gilroy and John Hopkins demonstrated how light energy is



Wilkes University students experiment at Fairview

Wilkes University chemistry students, Amy Blake, Chris Stucker, Tara Mayka, (partially visible) and Tom Mayka demonstrate some nifty experiments for Fairview Elementary School students. Uncle

Hucklebuck, alias Professor Roger Maxwell, at left, chair of physics and chemistry departments at Wilkes, supervises the demonstrations. The program is for CVNIE classes.

changed.

"It's true, light energy is not lost, it's just changed in form. We,

for example, absorb light energy and change it. Light takes on different waves. We can demonstrate that very well with a 'Slinky' toy," the professor explained.

Wilkes University chemistry majors and siblings Tara Mayka and Tom Mayka, are "graduates" of Fairview Elementary. Returning to the school they attended as children was a treat for them, they said.

"We're glad we were able to visit today. The kids are fun," Tara explained.

They were joined by Chris Stucker and Amy Blake, Wilkes

students who also added their own experiments to the show. The older students said they had fun working with the younger students.

"This was fun. The kids looked like they had fun, too," Blake reported.

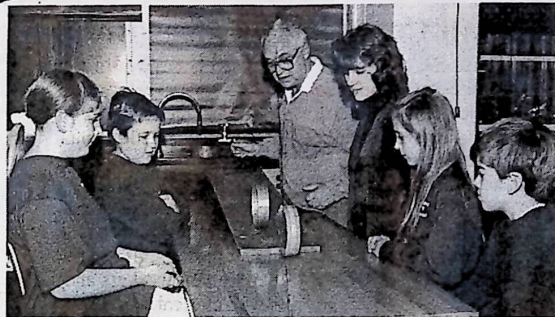
By far the most "enlightening" part of the program was the laser show. Maxwell, assisted by Gilroy, Hopkins and physics major Kelly Shaup, turned off all the lights in the gymnasium and cranked up the laser. Adding a few precautions about a laser machine and the light it produces.

SUNDAY DISPATCH

PITTSTON, PA
SUNDAY 14, 1992

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WILKES HOSTS SACRED HEART STUDENTS — The Wilkes University Physics Department recently hosted students from the 4th grade class of Sacred Heart School, Dupont. The visit provided an opportunity for students to increase their knowledge of science by observing and participating in various demonstrations.

Shown above, from left, Julie Bryk, Michael Cislo, Dr. Roger Maxwell, chair of the physics dept. Wilkes University; Mrs. Kathleen Dugar, 4th grade teacher; Alexandra Horvick and Sal Bemardi.

SUNDAY DISPATCH

PITTSBURGH, PA
SUNDAY 14, 1995

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Sacred Heart School News

Kindergarten celebrated their "First Thanksgiving" at Sacred Heart School. They had a prayer service with first grade and decorated a tree with thank you ornaments. They made pumpkin cookies and popcorn for their celebration. They made Pilgrim & Indian headgear to wear to their celebration. They had a great time.

Grade 3 students in Mrs. Dixon's class celebrated Thanksgiving by reading about and discussing the event which took place between the pilgrims and Indians in Plymouth Colony. They made time lines to show events of the pilgrims trip and the first year in their new home. A story entitled "The First Thanksgiving" was read to the students before partaking in a turkey dinner cooked by their teacher. Students feasted on turkey, mashed potatoes, corn, stuffing, homemade cranberry sauce, homemade cranberry bread, and fresh churned butter. Everyone enjoyed the pre-Thanksgiving feast.

Grade 4 made Thanksgiving cards for their parents. They thanked them for everything they do for them. They also wrote stories about a turkey who "escaped" Thanksgiving dinner.

December 1st is our field trip to Wilkes University. We should be back by noon and the children can wear gym clothes.

The eighth grade classes did a wonderful job presenting their family history projects to the class.

This Wednesday's hot lunch menu consists of cheese ravioli, cucumber sticks and fruit cocktail. First Friday Mass will be celebrated on December 1st at 11 a.m. Santa's Secret Workshop will take place on Nov. 30th for grades K-4 and on December 1st for grades 5-8. Students will be able to shop for Christmas presents for all those special relatives and friends. Gifts range in price from 50 cents to \$5. Students will receive a holiday gift list planner envelope to make shopping easier.

SUNDAY DISPATCH

PITTSBURGH, PA
SUNDAY 14, 1995

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BURELLE'S ZF

Dupont News

Francis D.
Hudzinski
654-4259

Sacred Heart School News

125 PF
KINDERGARTEN - The kindergarten class will be attending the Kirby on Monday, Dec. 18, to see the Northeast Junior Players present The Toys Take Over Christmas. The bus will leave the school at 11:45 a.m. Chaperones are asked to be at the school by 11:30 a.m. The play begins at 12:30 and ends at approximately 2. The bus will return to school for the usual dismissal.

GRADE ONE - The first graders are waiting for Jesus during this Advent Season by reflection prayer and a few classroom activities. One activity is a giant Advent calendar with 25 windows. Behind each window is a message for the children to consider for that day. They also have a chain made by the children with a picture on each link of how the class is waiting for Jesus. Each day they take off another link of the chain and share the picture with the class.

GRADE FOUR - The 4th grade students took a trip to Wilkes University and participated in a science program. They learned how motion and friction can affect the speed of many objects. Thanks to Dr. Maxwell and the graduate students who taught us! Fourth grade is also busy practicing for the Christmas Play. They will be presenting A Christmas Carol by Charles Dickens.

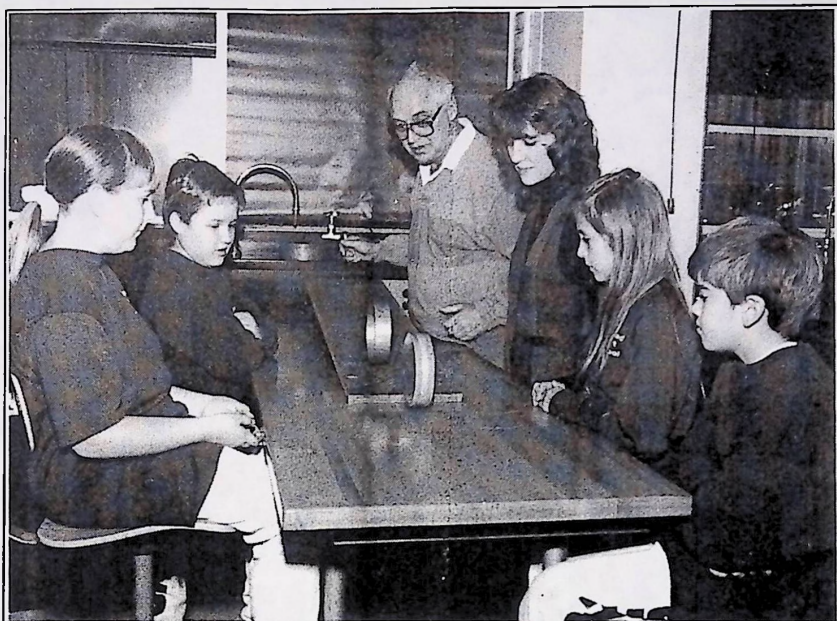
GRADE FIVE AND SIX SCIENCE CLASS - The students in 5th and 6th science class recently did an exercise in "Scoping out Lenses." By using a square piece of plastic wrap, water and a magnifying lens they were able to understand how lenses change images. They also expanded their vocabulary to include transparency, concave, convex, refraction and focal point. In their continu-

ing study of the planet Jupiter, the students are planning a journey to Jupiter. Using creativity, math and their knowledge of Jupiter they must decide what to pack for a trip there. What is more important to take: a video phone at a weight of 4kg or oxygen at a weight of 7kg?

GRADE SIX - The sixth grade class is continuing to receive their pen pals from all over the United States. In Social Studies, they will be learning about China and the production of silk. The hot lunch for December 13 will be from Long John Silver's menu. Judy George and Michelle Vaccaro are in charge of this hot lunch program. December activities include a Christmas Program to be presented on Monday, December 18th. The children's Christmas party will be on Wednesday December 20th.

DEC 15 1995

BURRELLE'S



Dupont 4th Graders hosted by Wilkes University Physics Department

The Wilkes University Physics Department recently hosted students from the fourth grade class of the Sacred Heart of Jesus School in Dupont

The visit provided an opportunity for the students to increase their knowledge of science by observing and participating in various demonstrations.

Shown are, from left: Julie Bryk; Michael Cislo; Dr. Roger Maxwell, chair of the Physics Dept., Wilkes University; Mrs. Kathleen Dugan, 4th grade teacher, Sacred Heart of Jesus School; Alexandrea Horvick; and Sal Bernardi.

Wilkes University News

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WILKES UNIVERSITY PHYSICS DEPARTMENT HOSTS 4TH GRADERS

Wilkes-Barre -- The Wilkes University Physics Department recently hosted students from the fourth grade class of the Sacred Heart of Jesus School, in Dupont.

The visit provided an opportunity for the students to increase their knowledge of science by observing and participating in various demonstrations.

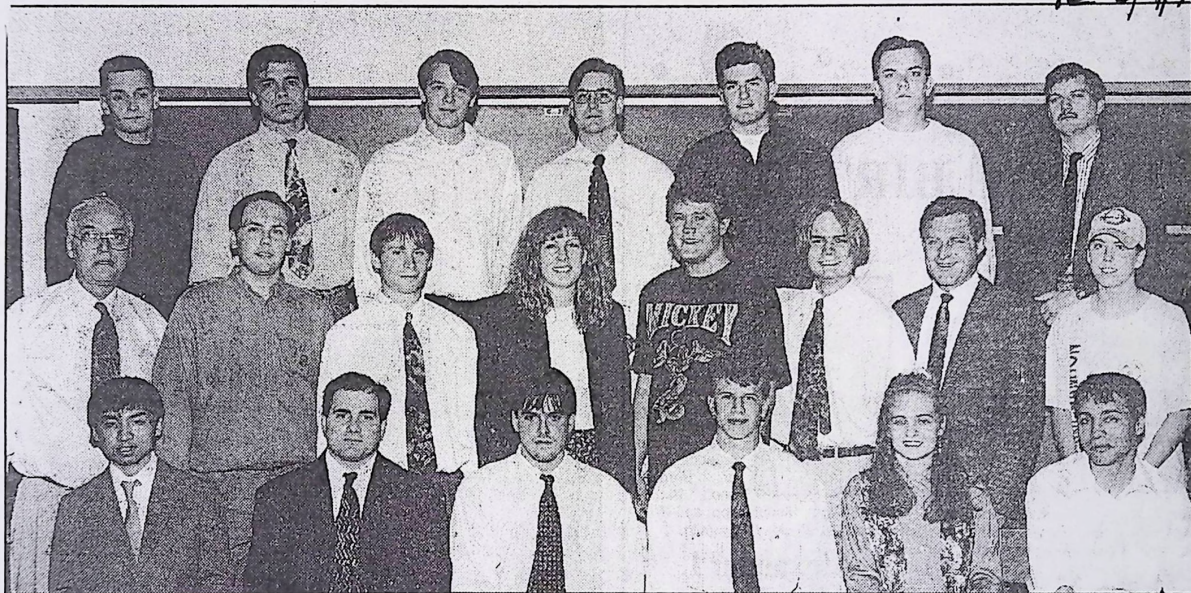
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Photo:

Shown are, from left -- Julie Bryk; Michael Cislo; Dr. Roger Maxwell, chair of the Physics Department, Wilkes University; Mrs. Kathleen Dugan, 4th grade teacher, Sacred Heart of Jesus School; Alexandra Horvick; and Sal Bernardi.

TL 6/4/95



NEW MEMBERS JOIN PHYSICS HONOR SOCIETY — More than a dozen Wilkes University students were recently inducted as members of the National Society of Sigma Pi Sigma, a physics honor society. Students must possess an outstanding grade point average in their physics studies to be a member. They are pictured, first row, from left: Vinh Ngoc Pham, Tom DePietro, Brad Klotz, Chad Pindar, Theresa Malasavage, and John Phillips. Second row: Dr. Roger

Maxwell, associate professor and chairperson of physics; Ron Meager, Dan Smith, Ann Blasick, Christopher Grymko, Marty Vinovrski, Neil Andres, and Kimberlee Kaskel. Third row: Robert Costello, Lubomir Handi, Tony Kakiel, Dave Gangaware, Brad Kreschollek, Richy Tym, Ed Maciejewski. Absent from photo: Rob Horensky, and Frank Natitus.

Wilkes University News

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Wilkes Inducts New Members into Physics Honor Society

Wilkes-Barre -- More than a dozen Wilkes University students were recently inducted as members of the National Society of Sigma Pi Sigma, a physics honor society. Students must possess an outstanding grade point average in their physics studies to be a member.

PHOTO:

First row, from left to right: Vinh Ngoc Pham, Wilkes-Barre; Tom DePietro, Dunmore; Brad Klotz, Harrisburg; Chad Pindar, Levittown; Theresa Malasavage, Barnesville; and John Phillips, Wilkes-Barre.

Second row, from left to right: Dr. Roger Maxwell, associate professor and chairperson of physics; Ron Meager, Duryea; Dan Smith, Souderton; Ann Blasick, Benton; Christopher Grymko, Nanticoke; Marty Vinovrski, Courtdale; Neil Andres, Kingston; and Kimberlee Kaskel, Mountaintop.

Third row, from left to right: Robert Costello, Tunkhannock; Lubomir Handl,

-MORE-

1ST ADD - WILKES INDUCTS NEW MEMBERS INTO PHYSICS HONOR SOCIETY

Dundee, N.Y.; Tony Kakiel, Chambersburg; Dave Gangaware, Milton, Fla.; Brad Kreschollek, Kintnersville; Richy Tym, Shenandoah; Ed Maciejewski, Scranton.

Absent from the picture: Rob Horensky, Drums, and Frank Natitus, Shavertown.

'WOW!' sets world of physics in motion Sunday

"WOW!," the locally-produced show for kids, explores physics, motion and rotation at 11:30 a.m. Sunday on WBRE-TV, Channel 28.

This episode features host Diane Polachek and Roger Maxwell, associate professor of Physics at Wilkes University.

Set in an interactive classroom at Wilkes, kids learn about different types of movement, Newton's laws and how they apply to friction, weights and balance, and get to ride on an aircart.

The program is geared to children 6-14.

TL 2/17/95

"WOW!"

An Educational Television Show For Kids

Dana Alexander Nolfe
Producer/Writer, "WOW!"
Wilkes University/WBRE-TV
Wilkes-Barre, Pennsylvania 18766
717-831-4167

**WHAT'S ON "WOW!" THIS WEEK?
MOTION AND ROTATION**

Wilkes-Barre -- "WOW!," the only locally produced television program for kids, will be airing an episode on physics, motion and rotation. This show will air on Sunday, February 19, 1995 at 11:30 am on WBRE-TV 28.

This episode features host Dr. Diane Polachek and Dr. Roger Maxwell, Associate Professor of Physics at Wilkes University. Maxwell, has been teaching physics at Wilkes since 1984 and takes his experience to area schools to help students better understand the principles of physics in a manner which is educational and fun.

On this show, set in an interactive classroom at Wilkes University the kids learn about different types of movement, Newton's laws and how they apply to friction, weights and balance, and get to ride on an aircart.

The learning experience doesn't end even after the cameras stop rolling. "WOW!" encourages kids to read to further their exploration of each show's topic. This time "WOW!" recommends, "Eyewitness Science: Force and Motion" by Peter Lafferty.

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1ST ADD – WHAT'S ON "WOW!" THIS WEEK?

"WOW!" is a children's educational program aimed at children 6 to 14 years of age, but is enjoyed and appreciated by children of all ages. A motivator of kids' imagination, "WOW!" get children excited about math, science, literature, art and other interesting fields.

"WOW!" is joint project between Wilkes University and WBRE-TV. It is produced and written by Dana Alexander Nolf, an assistant professor of communications at Wilkes University. Prior to coming to Wilkes, Nolf worked in New York with the ABC television network researching, writing, and producing shows such as "20/20," "World News Tonight with Peter Jennings," "Good Morning America," and "Business World."

The show's host, Dr. Diane Polachek, is an associate professor of education at Wilkes University. Polachek has been teaching at Wilkes since 1986 and in 1994 she received the Carpenter Outstanding Teacher Award.

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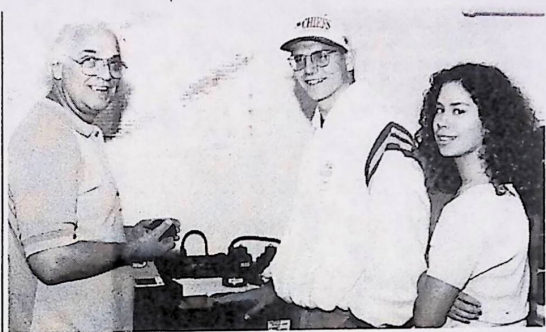
OCT 13, 1994

GREATER PITTSSTON

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Wilkes to hold Physics Workshops

Wilkes University is currently holding Physics Workshops on Saturday mornings for area high school students. 225ff

The students participating were recommended by their high school physics teachers. During the workshop, students make holograms in the Wilkes Optics Lab; learn to test their homes for radon; build L&D counting circuits in the Wilkes Electronic Laboratory; design and power line electromagnetic radiation detectors in the Wilkes Solid State Physics/Materials Engineering Laboratory, and plot 3-D images using Mathematics, an advanced programming language in use in the Wilkes Physics Dept. Computer Laboratory.

Pictured are Roger L. Maxwell, chairperson and professor of physics, instructs Wyoming Area High School Seniors, Scott Jones of West Wyoming, and Jill Kamor, Harding, on how to detect radon.



PHYSICS WORKSHOPS OFFERED — Wilkes University is sponsoring physics workshops on Saturday mornings for area high school students. During the sessions, students make holograms in the Optics Laboratory, learn to test their homes for radon, and more. Shown, from left, are: Dr. Roger L. Maxwell, chairperson and professor of physics, Scott Jones, and Jill Kamor.

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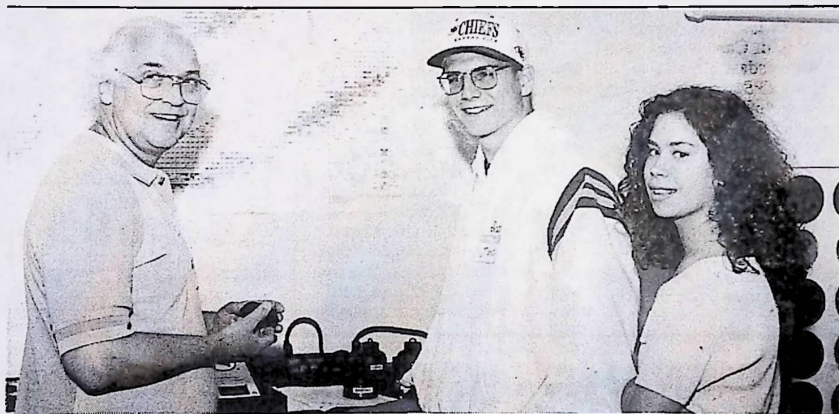
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OCT 9, 1994

SUNDAY DISPATCH
PITTSBURGH, PA

SUN - 54,000

Physics Workshops For High School Students At Wilkes



Wilkes University is currently holding physics workshops on Saturday mornings for area high school students to learn more about the science of physics while having fun. 225FF

Students participating were recommended by their high school physics teachers. During the workshop, students make holograms in the Wilkes Optics Lab, learn to test their homes for radon, build LED counting circuits in the Wilkes Electronic Lab, design and build power line electromagnetic radiation detectors in the Wilkes Solid State Physics/Materials Engineering Lab, and plot 3-D images using Mathematica, an advanced programming language in use in the Wilkes Physics Department Computer Lab.

Pictured above, from left are, Dr. Roger L. Maxwell, chairperson and professor of physics of Wilkes-Bare, instructs Wyoming Area seniors Scott Jones, West Wyoming and Jill Kamor of Harding, on how to detect radon.

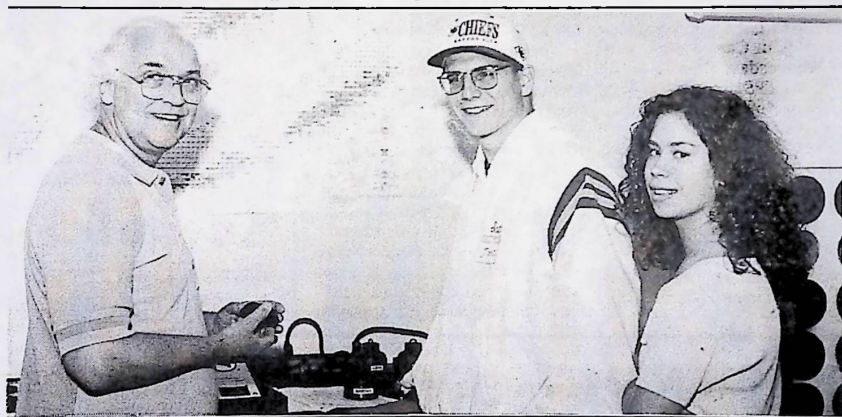
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Pictured above, from left are, Dr. Roger L. Maxwell, chairperson and professor of physics of Wilkes-Barre, instructs Wyoming Area seniors Scott Jones, West Wyoming and Jill Kamor of Harding, on how to detect radon.

CV 10/20/94

Wilkes grad receives \$10,000 fellowship

Paul Kownacki, formerly of Boiling Springs and a 1993 graduate of Wilkes University, recently received a Regents Fellowship at the University of California.

The Regents Fellowship is a \$10,000 award annually reviewed for renewal. Also, Kownacki is

receiving tuition and fee remission for the 1994-95 year. Kownacki is pursuing his PhD in physics and mechanical engineering.

Dr. Roger Maxwell, associate professor and chairman of physics at Wilkes University, was Kownacki's academic advisor.

Wilkes University News

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WILKES GRADUATE RECEIVES REGENTS FELLOWSHIP

Wilkes- Barre - - Paul Kownacki, a 1993 graduate of Wilkes University, recently received a Regents Fellowship at the University of California, San Diego.

Kownacki, formerly of Boiling Springs, majored in physics while at Wilkes and graduated summa cum laude. "He was a very good student and very bright. We are very happy to have had him here at Wilkes," said Dr. Roger Maxwell, associate professor/chairperson of physics, who was Kownacki's academic advisor.

During his senior year Kownacki interned with the Department of Energy at Lawrence Berkley Labs, Berkley, Calif. Through his work there, he published a paper and was asked to work for the lab after graduation. After working in California for a year, Kowanacki then decided to persue his Ph.D in physics and mechanical engineering at the University of

-MORE-

1ST ADD - - WILKES GRADUATE RECEIVES REGENTS FELLOWSHIP

California, San Diego.

The Regent Fellowship is a \$10,000 award that is annually reviewed for renewal. The fellowship is contingent upon full time enrollment, normal progress in the Ph.D. program and maintenance of a 3.0 grade point average or better. In addition to the award, Kownacki is receiving tuition and fee remission for the 1994-1995 academic year.

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Wilkes University News

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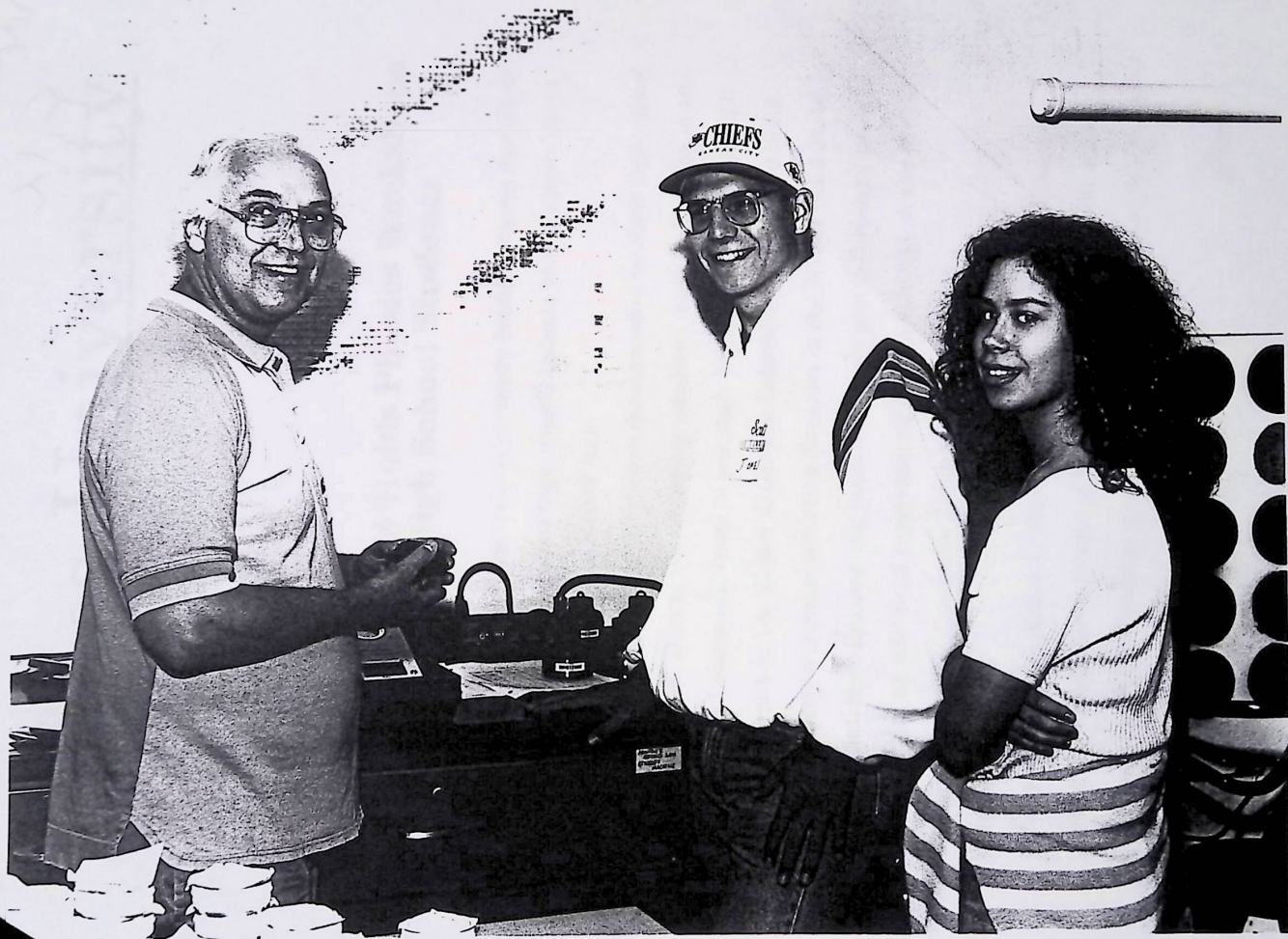
Wilkes University Holds Physics Workshops for Area High School Students

Wilkes-Barre -- Wilkes University is currently holding physics workshops on Saturday mornings for area high school students to learn more about the science of physics while having fun.

The students participating were recommended by their high school physics teachers. During the workshop, students make holograms in the Wilkes Optics Laboratory; learn to test their homes for radon; build LED counting circuits in the Wilkes Electronic Laboratory; design and build power line electromagnetic radiation detectors in the Wilkes Solid State Physics/ Materials Engineering Laboratory; and plot 3-D images using Mathematica, an advanced programming language in use in the Wilkes Physics Department Computer Laboratory.

PHOTO:

From left: Dr. Roger L. Maxwell, chairperson and professor of physics, of Wilkes-Barre, instructs Wyoming Area High School seniors Scott Jones, of West Wyoming, and Jill Kamor, of Harding, on how to detect radon.



Hirings/Promotions

MAT Bank: The company has announced four appointments:

- Rita M. Bantz has been named assistant vice president, regional human resources manager for Wages-Barn.

Previously, she was assistant vice president, human resources manager of First Community Bank and human resources/operations manager of Ben-Ton Bancorp. She holds a bachelor's degree in communications from Mansfield University and a master's degree in human resources from the University of Scranton.

She is a Pittston resident.

- William V. Sharowski has been appointed manager of the Wages-Barn Market Street Branch. Previously, he was a market manager for Mellon Bank and a branch manager for PNC Bank. He holds a bachelor's degree in marketing from King's College and a master's degree in management from Wilkes University.

He is a Locustdale resident.

- Gary D. Duda has been named manager of the Wages-Barn Coal Street Branch. Previously, he was a branch manager for Mellon Bank, retail lender for NBD National Bank and branch manager of Keystone Financial.

He holds an associate's degree in business administration from Luzerne County Community College.

He is a Pittston resident.

- Linda M. Kneitz has been appointed regional marketing coordinator for Wages-Barn. Previously, she was director of communications and marketing for Johnson Technical Institute and marketing consultant for Shamrock Communications.

She holds a bachelor's degree in communications from Wilkes University and is a Clarks Summit resident.

Wilkes University: Seven new chairs have been appointed to the school's consolidated program units effective Jan. 1:

- Diane Paluchek, associate professor of education has been appointed chair of the departments of education and psychology. She holds bachelor's degrees in elementary education, French and psychology and teaching certifications for elementary education and secondary French from Wilkes University and master's degrees in French from the University of California at Santa Barbara and elementary education from Wilkes University. She earned a doctorate in education from Lehigh University.

A Droms resident, she also serves as host of the children's educational program "WDWV" on WERE-TV.

- Thomas J. Baldino has been appointed chair of the departments of economics, communications, political science, sociology/anthropology and international studies.

He holds a bachelor's degree in political science with minors in history and German from LaSalle College. He earned a master's degree from the University of Illinois and a doctorate degree from the University of Pennsylvania.

A Mountaintop-area resident, he began teaching at the university in 1991 and serves as co-director of its Survey Research Center.

- A Wages-Barn resident, Roger L. Maxwell has been appointed chair of the physics and engineering departments.

He received a bachelor's degree in physics from the University of Buffalo and a doctorate in physics from Syracuse University. He has been a member of the physics department faculty for 15 years.

- Glenn B. Feltz has been appointed chair of the English, history, philosophy and foreign languages departments.

He earned a bachelor's degree in English from the University of Arizona and a master's degree and doctorate in English from the University of Oklahoma.

A Wyoming resident, he is the adviser for "Panicola," the university's yearbook. He sits on the Faculty Development Committee and the Graduate Studies Committee.

- James L. Harrington has been appointed chair of the music, dance, art and theater departments. He received a bachelor's degree in music education from Oberlin College Conservatory of Music and a master's degree in organ performance from Yale University.

Recently, he was the only American guest artist at the 10th International Festival of Organ Music at Cambridge University, England.

- Jeffrey R. Alves has been appointed chair of the accounting and business administration departments. He earned a bachelor's degree in general studies from the U.S. Air Force Academy and a master's degree in finance from Southern Illinois University. He holds a doctorate degree in business



Raymond Y. Balcerzak James Rodbeck William V. Sharowski Linda M. Kneitz



Thomas J. Baldino Jeffrey R. Alves Gary D. Duda Roger L. Maxwell Diane Paluchek James L. Harrington

administration with a concentration in finance from the University of Massachusetts, Amherst.

He serves as director of the Alan P. Kety Center for Free Enterprise and Entrepreneurship.

- Lester J. Tynical has been appointed chair of the chemistry, biology and health science departments. He received a bachelor's degree in biology, a master's degree in zoological science and a doctorate in genetics from Rutgers University. He has been on the faculty since 1972.



TIMES LEADER/CARA MENCHELLI

Dr. Roger Maxwell of Wilkes University teaches area high school students how to measure radon levels with the aid of a computer.

Wilkes lab lets potential students dabble in science

By ANTHONY COLAROSSO

Times Leader Staff Writer

WILKES-BARRE — What were those high school students doing early Saturday morning in a dark laboratory room at Wilkes University? They were creating holograms, that's what.

Working carefully on and around a \$10,000 vibration proof-table, the students developed images of small porcelain figures on a clear film and then held them in front of a laser, creating a three-dimensional reproduction of the scene.

Scott Jones, one of 14 local high school seniors and juniors attending a free series of physics workshops at Wilkes, learned holograms can be used to spot malfunctions in engines, errors the unaided eye could never spot, Jones said.

"You can see the errors on the hologram," said Jones, 17, of Wyoming Area High School. "You actually see how it works and how it operates."

"A hologram always fascinates," said Wilkes University professor Dr. Yu Bibby. "They cannot do this in high school. They don't have the facilities."

Other physics students spent their morning designing three-dimensional images on computers, measuring radon levels and building electromagnetic radiation detectors.

"Our aim is to let them see what Wilkes has to offer," said Dr. Roger Maxwell, the physics department chair. "We would like them to consider Wilkes."

Maxwell taught students to measure radon test levels with the help of a computer. Radon gas is the nation's second leading cause of lung cancer. The gas leaks into homes from adjacent soil through unsealed cracks and other openings.

"We're going to test our homes for radon," said Dave Dudzinski, 17, of Pittston Area High School. On his way out of the lab, Dudzinski was packing a charcoal canister detector. He plans to place the detector in his home and then bring it back during the week to be analyzed.

Dudzinski was impressed with the workshop and said he will be applying to Wilkes next year.

In the Solid State Physics and Materials Engineering Laboratory other students learned how to measure electromagnetic radiation from a model power line.

"These two students are trying to find out how this phenomena (electromagnetic fields) works," said Dr. John Orehtsky.

The professor watched the students chart the decrease of the electromagnetic field, as they moved their measuring device farther away from a model power line.

"You didn't think I was going to make you work, did you?" Orehtsky joked.

Michelle Girvan said she chose the workshops because she plans to major in physics in college. Although she is not planning to attend Wilkes, Girvan, 17, said the program is helping her decide on which area of physics to concentrate her studies.

"I'm here because I know what I want to do," the Wyoming Valley West High School senior said. "After sampling, that could help me narrow things down."

TL 9/18/94

Schools & Colleges



Wilkes Physics Club hosts holiday party for REACH children

Members of the Wilkes University Physics Club recently hosted a Christmas Party for children of the REACH program. More than a dozen children met Santa, opened presents, played games and enjoyed snacks with the university students.

First row, from left, are Matt Cackowski, April

Saunders, Dynasty Weder, Katie Maciejewski, Jillian Bankus: second row, Ted Lacki, Santa Claus, Harmony Webber, Jacob Fetterman, Dr. Roger Maxwell, chairman of the Wilkes Physics Department and Physics Club advisor, Kelly Shaup, Toya Saunders.

IN YOUR TOWN



WILKES PHYSICS CLUB HOSTS PARTY FOR REACH PROJECT — Members of the Wilkes University Physics Club hosted a Christmas Party recently for the children of the REACH project. More than a dozen children gathered to meet Santa Claus, open presents, play games and enjoy snacks with the University students. First row, from left: Matt Cackowski, April Saunders, Dynasty Weder, Katie Maciejewski, and Jillian Bankus. Second row: Ted Lacki, Santa Claus, Harmony Webber, Jacob Fetterman, Dr. Roger Maxwell, chairman of the Wilkes University Physics Department and Physics Club advisor; Kelly Shaup, and Toya Saunders.

Wilkes University News

Stephanie Simmons
Assistant Director of University Relations
Wilkes-Barre, Pennsylvania 18766
(717) 831-4772/FAX (717) 824-2934

WILKES UNIVERSITY PHYSICS CLUB HOSTS HOLIDAY PARTY FOR THE CHILDREN OF REACH

WILKES-BARRE -- PHOTO: Members of the Wilkes University Physics Club hosted a Christmas Party recently for the children of the REACH project. More than a dozen children gathered to meet Santa Claus, open presents, play games and enjoy snacks with the University students. Back row, from left: Ted Lacki, Santa Claus, Harmony Webber, Jacob Fetterman, Dr. Roger Maxwell, chairman of the Wilkes University Physics Department and Physics Club Advisor, Kelly Shaup, and Toya Saunders. Front row, from left: Matt Cackowski, April Saunders, Dynasty Weder, Katie Maciejewski, and Jillian Bankus.



TODAY

SECTION C

Wednesday, December 15, 1993

Physical Education



Nicole Khalife, Lenore Stanovich, Crystal Richardson and Amanda Adams, all seventh graders at GAR High School, look through spectrometers at an orange light during a demonstration put on by Wilkes University.

"Students need to see that science is not just something they read about in the classroom"

Seen By:
SYLVIA CANFIELD RIBEN
Times Leader Staff Writer

Photographed by:
Don Carey

Talisha Martin was dizzy but she loved it. After twirling around on a rotating metal platform while holding a spinning hoola hoop, she said she felt sick. Martin was one of about 75 GAR High School students who recently viewed demonstrations presented by the Wilkes University Physics Club. The metal wheel exhibit Martin was on demonstrated the forces of gravity and motion, said Margo Serafini, a physics teacher. While Martin's face turned pale, she said she would consider getting on the metal disk again. "I liked it," said Martin, 14, an eighth grader. Serafini said the demonstration was arranged to show students how physics affects their lives. "Students need to see that science

is not just something they read about in the classroom," she said. These students need to know everything we do in this world has to do with science. Serafini said she hoped the 10 exhibits the club brought would intrigue some students enough to take a science class they might not have taken. Junior Maria De Graffunder caught some of the excitement. De Graffunder said she has taken some science classes but now will take more. "This demonstration is cool," said De Graffunder, 16, who was intrigued with the bright current emanating from between two antennas. The current was induced when a negative charge met a positive charge between the antennas.

"I've never seen anything like this before," she said. "I've never seen real currents charged so bright." Physics professor Yu Hobbly said the club has inspired the Wyoming Valley with these demonstrations for the past two years. "Students respond well to the hands-on activities we have for them," said Hobbly, who observed the students with two demonstrations. Hobbly showed students an oscilloscope, which uses light to show the frequency of music from the radio. "We are converting light wave patterns through the oscilloscope," she said. "Each note is a different frequency, so it makes the light wave move in different ways. In another demonstration, Hobbly showed students how a beam of

laser bends in water. For freshman Christina Sharp, the Van de Graaff generator demonstration was the best. The Van de Graaff released a charge when it rubbed a metal cylinder rubbed with a ball of rubber. "I thought it was great," said Sharp, 15. "It felt like [the shock] when you rub your feet on the rug. It hurt my arm a little, but it was fun." And while some students were tantalized, for others, the demonstrations were old stuff. Freshman Bill Edwards said he probably will pursue a career in science. "I've seen some of this stuff before," said Edwards, 15. "I like trying to figure out what's going on in nature."



GAR senior Eric Pettersman looks through a spectroscope at two light sources to see how the light is split into different colors.



Joe Nattress, an environmental engineering student at Wilkes University, demonstrates an air cushion ride.



Dr. Roger Maxwell, chairman of the Wilkes University physics department, explains the program to the students at GAR.

Wilkes physics students will cap tour program with carnival

The Wilkes University Physics Club, led by Dr. Roger Maxwell, professor of physics, recently visited Pittston Area High School to demonstrate and discuss various laws of physics. The club,

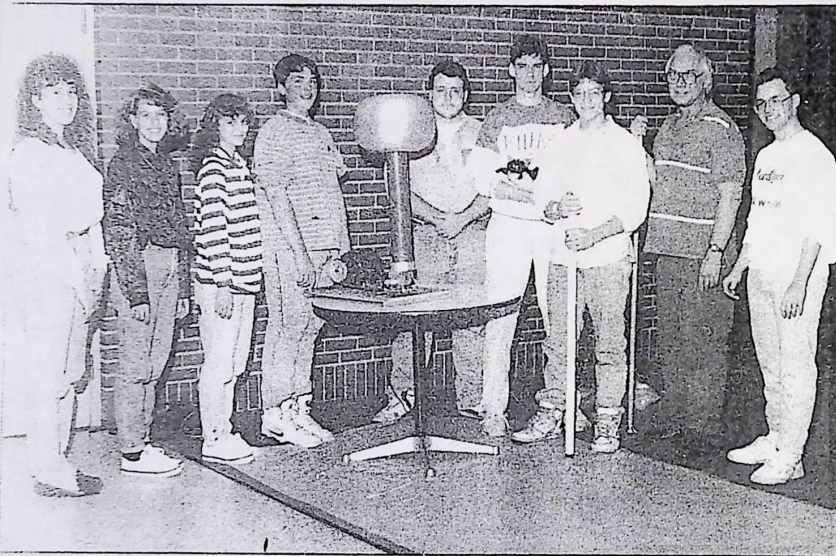
as a result of the positive response it received from the school visit, developed a fall tour of area high schools.

The club visited students from Dallas Senior High School, Meyers High School, Coughlin High School, Hanover Area High School, and G.A.R. Memorial High School.

The Physics Club Fall Tour will culminate in a physics demonstration carnival on Dec. 12, from 9

a.m. to noon in the Stark Learning Center on the Wilkes campus. Students from area high schools are invited to attend.

From the left are Pittston Area High School students Evelyn Kampas, Amy O'Boyle, Christa Cocco, Ron Meager, and Wilkes University Physics Club members Jeff Alaimo, Mark Williams, Myron Pitcavage, Dr. Roger Maxwell, professor of physics and club advisor, and Brian Augustine.



Town Crier



Wilkes' Physics Club visits John S. Fine High School

The Wilkes University Physics Club recently visited the John S. Fine High School. An interesting array of experiments demonstrating unique and exciting scientific principles were presented.

Shown, from left, are Sheldon Richards, Dr. Yu Bibby, Liz Dixon, Scott Paveletz, Robert Ziomek, Todd Thomas, Jason Tarnowski, Tom Patackas and Dr. Roger Maxwell.

Wilkes University

News

University Relations Office
Paula J. Gentilman, Communications Assistant
Wilkes-Barre, Pennsylvania 18766
Office (570) 408-4770 Fax (570) 408-7820
e-mail antosh@wilkes1.wilkes.edu

New Department Chairs Appointed at Wilkes University

Wilkes-Barre- Wilkes University president Dr. Christopher N. Breiseth recently announced the appointment of seven new chairpersons to the school's consolidated program units, effective January 1, 1999.

Chairing the departments of Education and Psychology is Dr. Diane Polachek, associate professor of Education. Polachek is also host of the children's educational program, "WOW!," a cooperative effort between Wilkes and WBRE-TV. Polachek received bachelor of arts degrees in elementary education, French, and psychology and teaching certifications for elementary education and secondary French at Wilkes in 1978. Polachek completed two master's degrees, one in French from the University of California at Santa Barbara and one in elementary education from Wilkes. She obtained a doctorate in education from Lehigh University.

The new chairperson for the departments of Economics, Communications, Political Science, Sociology/Anthropology, and International Studies is Dr. Thomas J. Baldino.

-MORE-

1st Add: New Department Chairs Appointed at Wilkes University

Baldino has been teaching at Wilkes since 1991 and serves as co-director of its Survey Research Center. He received a bachelor of arts degree in political science with minors in history and German from La Salle College. He earned a master's degree from The University of Illinois and a doctorate degree from The University of Pennsylvania.

Dr. Roger L. Maxwell, chairperson for the departments of Engineering and Physics, has been a member of the Physics department faculty for fifteen years. He received a bachelor of arts in physics from the University of Buffalo and his doctoral degree in physics from Syracuse University.

Dr. Darin E. Fields will head the departments of English, History, Philosophy, and Foreign Languages. He is currently the advisor of *Amnicola*, the University's yearbook, along with sitting on the Faculty Development Committee and the Graduate Studies Committee. Fields acquired a bachelor of arts degree in English from the University of Arizona and a master's and doctorate in English from the University of Delaware.

Mr. James L. Harrington, chairperson of the Music, Dance, Art, and Theatre departments, was the only American guest artist to perform at the Tenth International Festival of Organ Music held at Cambridge University, England. Harrington received a bachelor of arts degree in music education from Oberlin College Conservatory of Music and a master's degree of organ performance from Yale University.

-MORE-

2nd Add: New Department Chairs Appointed at Wilkes University

Dr. Jeffrey R. Alves was selected new chairperson for the departments of Accounting and Business Administration. Dr. Alves is director of the Allan P. Kirby Center for Free Enterprise and Entrepreneurship. He earned a bachelor of science degree in general studies from the U.S. Air Force Academy and a master's degree in Finance from Southern Illinois University. Alves completed a doctorate degree in Business Administration with a concentration in Finance at The University of Massachusetts, Amherst.

Dr. Lester J. Turoczi, chair for the departments of Chemistry, Biology, and Health Science, has been with Wilkes since 1972 and has served as assistant, associate, and full professor during his tenure. Turoczi received a bachelor of arts degree in biology, a master's degree in Zoological Science, and a doctoral degree in Genetics all from Rutgers University.

An additional six members of the Wilkes faculty were re-confirmed as chairpersons for their departments. They are: Dr. Stephen Tillman, Math and Computer Science; Dr. Anne Y. F. Lin, Pharmacy Practice; Dr. Arthur H. Kibbe, Pharmaceutical Sciences; Dr. Dale Bruns, Geo-Environmental Sciences and Engineering; Dr. Mary Ann T. Merrigan, Nursing; and Lt. Col. Scott R. Papp, Aerospace Studies.

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Photo:

Front Row: Dr. Stephen Tillman, Shavertown, Pa.; Dr. Bonnie Bedford, dean, College of Arts, Sciences and Professional Studies/associate professor, English, Wilkes-Barre; Dr. Diane M. Polachek, Drums, Pa.; Dr. Christopher N. Breiseth, Wilkes president; Dr. Anne Y.F. Lin

Second Row: Dr. Thomas J. Baldino, Mountaintop, Pa.; Dr. Arthur H. Kibbe, Clarks Summit, Pa.; Dr. Dale Bruns, Dallas, Pa.; Dr. Roger L. Maxwell, Wilkes-Barre; Dr. Mary Ann T. Merrigan, Hazleton, Pa.; Dr. Darin E. Fields, Wyoming, Pa.

Third Row: Mr. James Harrington, Wilkes-Barre; Dr. J. Michael Lennon, vice president for Academic Affairs, Shavertown, Pa.; Lt. Col. Scott R. Papp; Dr. Jeffrey Alves, Wilkes-Barre

Absent From Photo: Dr. Lester J. Turoczi, Wilkes-Barre



John [unclear] [unclear]



SUNDAY DISPATCH

PITTSBURGH, PA
SUNDAY 12,500
FEB 22 1998



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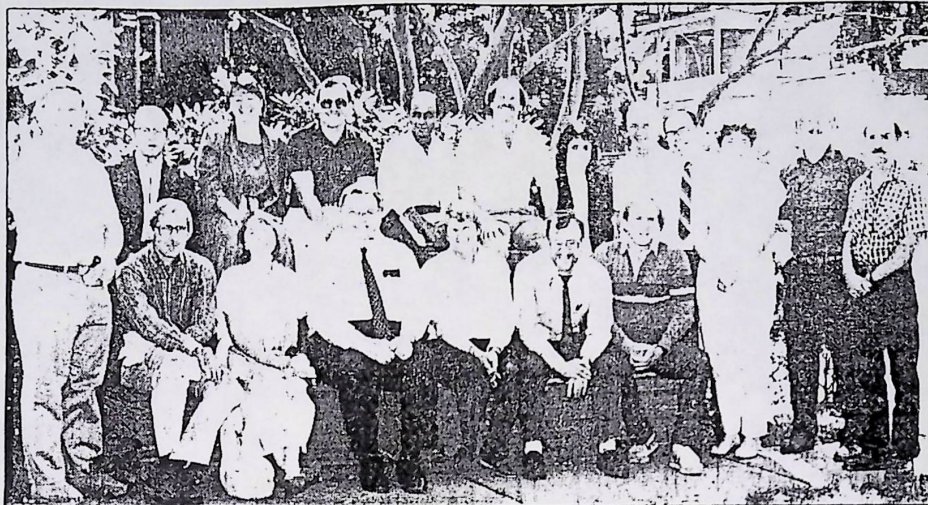
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Seton Participates In Radon

Awareness Program

The Pennsylvania Environmental Council presented a Radon Awareness Program for four local schools in September. Teachers from Seton Catholic, Lake Lehman, Bishop O'Reilly and Nanticoke schools participated in a one day seminar. A Radon expert from the Department of Environmental Protection spoke to the teachers and Dr. Maxwell, from Wilkes University, gave the teachers a tour of the Radon lab at Wilkes University.

The teachers spoke to their students about Radon and its' effects and dangers, and a representative of Pennsylvania Environmental Council presented the students with Radon testing kits and explained how to use them in their homes. The Pennsylvania Environmental Council picked up the test kits the following week and sent them to AirChek, Inc. When the results were sent back the Pennsylvania Environmental Council returned to the schools and explained the results to the students.



Learning program held at Wilkes

Faculty from Wilkes and Lycoming colleges recently attended a workshop at Wilkes entitled: "Concept Mapping and Vee Diagramming." The event explored techniques which promote better learning among students.

Workshop was initiated by Dr. Les Turoczi, chairman, Wilkes biology department.

Program, participants, seated from left: Dr. Dave Franz, Lycoming College; Dr. Kathy Ryan, Lycoming;

Dr. Turoczi, Dr. Marty Taylor, Cornell University; Dr. Jerry Kucirka, Wilkes; Dr. Dave Long, Wilkes.

Standing: Dr. Kurt Botthjer, Wilkes; Dr. John Radspinner, Lycoming; Dr. Judy Pottmeyer, Lycoming; Dr. Mel Zimmerman, Lycoming; Dr. M. Farooqui, Wilkes; Dr. Ken Klemow, Wilkes; Dr. Chris Cherrington, Lycoming; Dr. Roger Maxwell, Wilkes; Dr. Wilbur Hayes, Wilkes; Debra Prater, Wilkes; Dr. Mike Case, Wilkes; Dr. Jack Diehl, Lycoming.

CV 9/19/85



CAREER OPTIONS — Wilkes University faculty members are teaming up with students of the Pittston Area School District Creative Enrichment program (P.A.C.E.) on the recently developed "Pacing Through Wilkes" project. "This program creates an exciting series of academic challenges for these talented young people, while providing opportunities for them to consider any number of career options," said Dr. Rosemary Williams, director of teacher extension programs and co-chair of the Wilkes education department. Working in teams individually, the eighth through 10th grade students will meet with Wilkes faculty mentors to develop and complete projects in their areas of interest which include science, mathematics, computers, music, law, journalism and radio. The Wilkes University library and computers at Pittston Area will be available for the students' research. Upon completion, the students will present their projects to their parents, Wilkes mentors and Pittston Area faculty. Seated left to right are: Michael Jake, Joshua Androsavage, Tony Pellegrini, Erin Walsh, Jackie Kristula,

Kerri Miglionico, Christopher Grebey, Shea Sartin, Kellie Herron, Adam Pugh, Joe Yanchis, Paul Ludden, and Dave Krzak. Second row: Dr. Ken Klemow, Wilkes University Associate Professor of Biology and Acting Chair of the Biology Department; Dr. Umid R. Nejib, Dean of the Wilkes School of Science and Engineering; Dr. Rosemary Williams, Co-Chair of the Wilkes Education Department and Director of Teacher Extension Programs; Eileen Burns, Pittston Area School District; Roxanne Grebey, Dr. Roger Maxwell, Associate Professor and Chair of the Physics Department; John Dziak, Jared Rehli, Mike Krzak, Tom Bliscotti, Frank Carey, Laura Mudlock, Chrissy Richards, Amanda Kessel, Autumn Oliver, Jennifer Salidas, Karissa Salitas, Michael Lello and Mary Jo Koslsher. Third row: Ryan Salvo, Melissa Zambetti, David Dudzinski, Michael Caputo, Pittston Area Middle School Teacher; Joseph Orlando, Pittston Area Senior High Teacher; and Dr. Ahmad Armand, Chair of the Wilkes Engineering department.

MAR 1 1992

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PA Students Team With Wilkes Faculty To Explore Career Options



Wilkes University faculty members are teaming up with students of the Pittston Area School District Creative Enrichment program (P.A.C.E.) on the recently developed "Pacing Through Wilkes" project.

"This program creates an exciting series of academic challenges for these talented young people, while providing opportunities for them to consider any number of career options," commented Dr. Rosemary Williams, Director of Teacher Extension Programs and Co-chair of the Wilkes Education department.

Working in teams or individually, the eighth through tenth grade students will meet with Wilkes faculty mentors to develop and complete projects in their areas of interest which include science, mathematics, computers, music, law, journalism and radio. The Wilkes University library and computers at Pittston Area will be available for the students' research.

Upon completion, the students will present their projects to their parents, Wilkes mentors and Pittston Area faculty.

Pictured first row, seated, Michael Jake, Joshua Androsavage,

Tony Pellegrini, Erin Walsh, Jackie Kristula, Kerri Miglionico, Christopher Grebey, Shea Sartin, Kellie Herron, Adam Pugh, Joe Yanchis, Paul Ludden and Dave Krzak.

Standing, Dr. Ken Klemow, Wilkes University Associate Professor of Biology and Acting Chair of the Biology Department; Dr. Umid R. Nejib, Dean of the Wilkes School of Science and Engineering; Dr. Rosemary Williams, co-chair of the Wilkes Education Department and director of Teacher Extension Programs; Eileen Burns, Pittston Area School District; Roxanne Grebey, Dr. Roger Maxwell, Associate Professor and Chair of the Physical Department; John Dziak, Jared Rehiill, Mike Krzak, Tom Biscotti, Frank Carey, Laura Mudlock, Chris Richards, Amanda Kessel, Autumn Oliver, Jennifer Salidas, Karissa Salitas, Michael Kello and Mary Jo Kosisher.

Third row, Ryan Salvo, Melissa Zambetti, David Dudzinski, Michael Caputo, Pittston Area Middle School Teacher; Joseph Orlando, Pittston Area Senior High School Teacher and Dr. Ahmad Armand, chairman of the Wilkes Engineering Department.

Wilkes College

News

OFFICE OF PUBLIC RELATIONS • WILKES-BARRE, PENNSYLVANIA 18766
TELEPHONE: (717) 822-8413



contact: Melissa Meyers
Assistant Director
Public Relations

WILKES COLLEGE RADON LABORATORY MEETS EPA TESTING PROFICIENCY CRITERIA

WILKES-BARRE--The Wilkes College Radon Testing Laboratory has successfully met proficiency criteria for measurement of radon and radon progeny set by the United States Environmental Protection Agency (EPA). The Wilkes facility voluntarily submitted to the EPA evaluation process this summer, and recently received notification of proficiency rating for five different testing methods.

The EPA Radon/Radon Progeny Measurement Proficiency (RMP) Program, which hands down the proficiency ratings, was initiated by the federal agency in response to growing public concern over the health effects from exposure to the indoor air pollutant radon, a naturally-occurring radioactive decay product of radium. Under the RMP Program, any facility offering measurement services is invited to demonstrate its proficiency in measuring radon gas and radon progeny (by-products).

According to Dr. Roger Maxwell, Director of the Wilkes College Radon Laboratory, the Wilkes facility was rated as proficient in five testing methods: Continuous radon

(more)

measurement; continuous working-level (progeny) measurement; grab (short-time sample) radon measurement; alpha track measurement (utilizing track-etch monitors); and charcoal canister detector measurement.

Maxwell explains the significance of receiving EPA proficiency ratings on these methods, saying, "The Wilkes Radon Lab has a particularly broad range of testing capabilities. These five methods effectively detect radon and radon progeny in air, and soil, and some can even be used to indirectly test for radon in water. In addition, we can test for radon on both a short term and long term basis. Our equipment can also be used to screen for the possibility of radon contamination, and to double-check findings that show radon to be a threat. The EPA rating helps us to assure that we are providing this area with the best testing services possible."

The Wilkes Radon Laboratory is currently preparing to submit a sixth method, grab working level measurement, to the EPA RPM Program.

RESUME OF:

ROGER L. MAXWELL
34 Spring Hill Avenue
Norwalk, Connecticut 06850
(203) 846-2127

JOB OBJECTIVE:

An opportunity to utilize my education and experience to solve engineering and production problems, to create improved products and to assume a more responsible and challenging role as a Sr. Technical Manager.

QUALIFICATIONS:

Three years of increasing responsibility in a detector facility (about 25 engineers and technicians) of a manufacturing concern (company employment varied from 700 to 200 people during tenure.) Responsibilities varied from detector project analysis and program management to supervision of engineers in solving detector production problems and in R & D, to supervision of detector manufacturing facility, preparing budgets, proposals, etc.

Six and one half years as manager of a small department (three to five people) of a small manufacturing concern. Initial duties were supervision of manufacture and test of pyroelectric detectors, later involvement included detector R & D, detector design, and program management of special projects as well as frequent customer interaction regarding technical information, sales, and detectors designed to meet special requirements and/or testing.

Six years of teaching introductory, intermediate, and graduate courses in physics at university level.

EMPLOYMENT EXPERIENCE:

10/80 BARNES ENGINEERING COMPANY: Publically owned American Stock Exchange Company.

to
5/84 PRINCIPAL PRODUCTS: Infrared Detectors. Infrared Measurement Equipment, Horizon Crossing Indicators, and other space attitude measurement systems.

EQUIPMENT FAMILIARITY: Standard machine tools, test and measurement equipment for electrical and optical properties of IR detectors, scanning electron microscope, glass blowing equipment.

RESPONSIBILITIES: Started as Staff Engineer, promoted to Manager Detector Engineering (about 10/81), then to Manager Detector Manufacturing (1/83). As Staff Engineer analyzed costs of various proposed detector programs. Served as program manager for an ongoing production project, where packaging problem was solved, and for a thermistor bolometer R & D program. As Manager Detector Engineering guided detector R & D and efforts to solve special and regular detector production problems. Served as detector program manager for special production program, i.e. Earth Radiation Budget detector program. Initially as Manager Detector Manufacturing was also acting Manager Detector Engineering. In this role supervised about 25 engineers and technicians, prepared department budgets, proposals for new detector projects, and supervised part of a \$20 million follow-on areospace detector program including facilities planning and setup of fabrication and test equipment. As Manager Detector Manufacturing was responsible for production and testing of photon, thermopile, thermistor bolometer, and pyroelectric detectors. Through coordination of activities (expediting materials and schedule planning) was able to achieve goal of greater than 20% increase in shipped units for past year with no increase in personnel. Held secret clearance.

July 26, 1984



Chairman
Search Committee for Engineers and Physicists
Wilkes College
Wilkes Barre, Pennsylvania 18766

Dear Sir:

The July 1984 AIP Summary of Open Positions indicates that you have been looking for a physics teacher. If the above is still correct please consider this letter as an application for that position.

Enclosed please find a copy of my resume which lists my industrial and major teaching experiences. Although the job description for that resume was written with an industrial position in mind, I would very much like to get back into the teaching profession. Those several times in my life spent as a teacher were among the most enjoyable and mutually stimulating periods of my professional career. My industrial experience has broadened my background regarding the applications of physics to the real world.

Aside from the position of Associate Professor at SUNY College at Cortland my teaching experience includes three years as a teaching assistant while attending graduate school at the University of Buffalo and two part time instructor positions while working in industry. The latter were at:

- 1) Mohawk Valley Community College at Utica/Rome located in Utica and Rome, New York. Various semesters, 1978 through 1980. Taught Algebra and Trigonometry.
- 2) Bridgeport Engineering Institute, Stamford Extension, located in Stamford, Connecticut. Summer semester, 1981. Taught Introductory Physics.

Also enclosed please find a list of references covering my professional career, a list of publications, and an expanded list of courses (with texts) taught while at SUNY Cortland.

Please let me know what further information is needed to formalize this application. I look forward to your reply.

Sincerely,

Dr. Roger L. Maxwell

Dr. Roger L. Maxwell
34 Spring Hill Avenue
Norwalk, Connecticut 06850

1982 AIP
Assoc. Prof.
225-32
225-88
12-5-21
263
25.5
19.0

Memberships in Professional and Scientific Societies

Organization Name	Scope:		Offices Held
	Local, State, Regional, National		
AAPT	N		
APCA	N		
APPT PA CENT	S / N		
AARST	N		

Teaching at Wilkes 1988-89 (including teaching overloads)

Course Title	Hrs. of Lecture per Week	Hrs. of Recitation per Week	Contact Hrs. of Laboratory per Week	# of Day Sections; Enrollment	# of Evening or Weekend Sections; Enrollment
Fall '88					
Total of Students Taught					
59	Physics 202	2	3	6	55
	Physics 303	3	-	3	-
	Physics 363	-	-	3	2
Spring '89					
Anticipated					
Total of Students Projected					

Other Duties Performed for Base Salary, 1988-89 (Full-Time Faculty)

Duty/Activity	Hours per Week	# of Advisees:
Advising		
Research/Scholarship		
Committee Work	College Self St. Steering	and Admission: Freshmen -17
Department Chairperson		Upper Classmen - 0

Other Duties for Extra Compensation, 1988-89 (Full-Time Faculty)

Duty/Activity	Hours per Week
Supervisor of Radon Lab	8 hours per week
Coordinator Physics 202	
Coordinator Accell Labs	
Coordinator of Adv Labs	
(Nuclear)	

esc

9-26-88

Faculty Resume Information Sheet

Full Name Maxwell Roger L.
Last First M.I.

School or College and Department Physics and Engineering

Age as of September 1, 1988, Date of Birth 53 12/19/34

Academic Rank Associate Professor

Full-Time ☒ Part-Time ☐

Non-Wilkes College Teaching, If Part-Time _____

Earned Degrees	Name of Institution	Location	Area, Field or Major	Degree Received	Date Conferred
	Syracuse University	Syracuse NY	Physics	Ph.D.	Jan. 1968
	Univ. of Buffalo	Buffalo, NY	Physics	B.A.	June 1957

Teaching Experience	Name of Institution	Location	Subjects/Fields Taught	Full or Part-Time Rank	Dates of Service From-To
Incl. Wilkes	Wilkes College		Physics	Associate	8/84 -
	SUNY Cortland	Cortland NY	Physics	Assist.	8/67
				Assoc.	8/70-8/73

Non-Teaching Experience

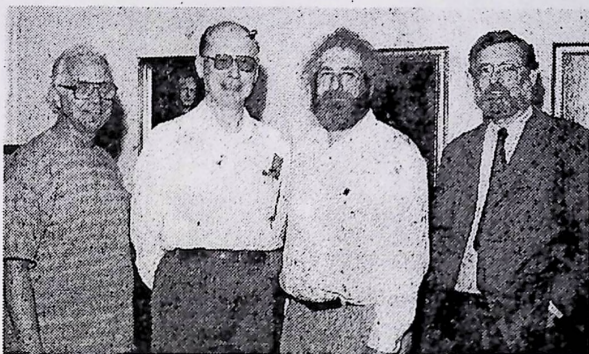
Full-Time	Firm or Organization or Self-Employed	Duties	Title	Dates of Service From - To
	Barnes Engineering Corporation	Supervisor	Manager	1980-1984
			Detector Eng.	
	Laser Precision Corp	R & P Produc.	Manager	1974-1980
			EO ENG.	
Part-Time				

List Major Consulting Activities

Radon / TEQ

Bibliographic Citation of Principal Publications - Last Five Years

SI 6-23-91



ATTEND WORKSHOP — Four Wilkes University professors recently participated in the 1991 Workshop on the Liberal Arts, a two-week conference sponsored annually by the Lilly Endowment, Inc. Representatives from approximately 25 colleges and universities met at Colorado College in Colorado Springs, Colo. to explore problems specifically related to liberal arts institutions. Participants were given the opportunity to enroll in two of 12 seminars addressing major issues that confront colleges and universities today. Representing Wilkes at the workshop was Owen Faut, professor of chemistry, Richard Fuller, professor of art; Michael Garr, associate professor of sociology and Roger Maxwell, associate professor of physics. The Wilkes professors specifically addressed the issue of assessment. From the left: Maxwell, Faut, Garr, Fuller.

Wilkes University

News

Stephanie Simmons
Assistant Director of Public Relations
Wilkes-Barre, Pennsylvania 18766
(717) 822-8413

WILKES STUDENTS INDUCTED INTO PHYSICS HONOR SOCIETY

EDITORS: PLEASE NOTE THE STUDENTS FROM YOUR COVERAGE AREA

WILKES-BARRE-- The National Society of Physics Students Honor Society, Sigma Pi Sigma recently inducted 17 Wilkes University science majors into the chapter. Dr. Steven N. Shore, an Astronomer with NASA at the Goddard Space Flight Center in Maryland presented a lecture, "Things That Go Boom in the Night: Explosive Events in the Cosmos" as part of the celebration.

PHOTO: Recent inductees to the Wilkes University chapter of Sigma Pi Sigma, a Physics Students Honor Society are shown: Seated from left to right: Dan Hinkel, Millerstown; Paul Kownacki, Boiling Springs; Christine Ogozaly, Nanticoke; Tad Barnhart, Annville; Rich Burton, Gouldsboro; Amy Farro, Pottsville; Jeff Thibault, Piscataway, New Jersey; and Bob Kapuschinsky, Hazelton. Standing from left to right: Dr. Steven Shore, NASA; Kim Karrott, West Wyoming; Rich Bonning, Nanticoke; Kevin Kully, Quakertown; Russ

1ST ADD WILKES STUDENTS INDUCTED INTO PHYSICS HONOR SOCIETY

Rich Burton, Gouldsboro; Amy Farro, Pottsville; Jeff Thibault, Piscataway, New Jersey; and Bob Kapuschinsky, Hazelton. Standing from left to right: Dr. Steven Shore, NASA; Kim Karrott, West Wyoming; Rich Bonning, Nanticoke; Kevin Kully, Quakertown; Russ Kissel, Perkasia; Brian Bohenek, Scranton; Jeff Webster, Laflin; Don Pavinski, West Wyoming; Dennis Dudeck, Hazleton; David Demko, Hazleton; and Dr. Roger L. Maxwell, Associate Professor of Physics, Wilkes University. New inductees absent from the photo include: Patrick Collins, Scranton; Robert Klinke, Dover, New Jersey; Sherry Macking, Mountaintop; Jennifer Richards, Kingston; and John Rozanski, Tunkhannock.



WILKES UNIVERSITY

School of Science and Engineering • Office of the Dean

Maxwell file

December 4, 1991

Dr. Roger Maxwell, Chair
Department of Physics
Wilkes University

Dear Dr. Maxwell:

Just a short note to acknowledge your leadership in taking the initiative to conduct the physics awareness campaign in six regional high schools since October. Please convey to your students that all of us appreciate their hard work and their creative way of providing new dimension to the understanding of Physics.

I understand that the final phase of this initiative is to hold a Physics Open House on the morning of December 12th, and that you expect over 160 high school visitors. The coordination with the Admissions Office and the Financial Aid Office reflects the degree of work and preparation that went into this project.

Wishing you a very successful 'Carnival' on the 12th.

Sincerely yours,

Amid R. Nejib
Dean

cc: Dr. Heaman, Acting VPAA
Mr. Guffrovich, Acting Dean of Admissions
SSE Management Team
File

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DEC 6 1991

PUBLICATIONS
OFFICE



Wilkes University

News

Stephanie Simmons
Assistant Director of Public Relations
Wilkes-Barre, Pennsylvania 18766
(717) 822-8413

WILKES UNIVERSITY PHYSICS CLUB TOURS

AREA HIGH SCHOOLS

WILKES-BARRE -- The Wilkes University Physics Club, led by Dr. Roger Maxwell, Professor of Physics, recently visited Pittston Area High School to demonstrate and discuss various laws of physics. As a result of the positive feedback from their visit and the Science Expo recently held at the University, the Club has developed a Fall Tour of area high schools.

Dr. Maxwell and the members of the club visit science classes with equipment made in their labs. One of the demonstrations, an air puck that students can ride, reveals the dynamics of frictionless motion.

The Physics Club members also visited with students from Dallas Senior High School, Meyers High School and Coughlin High School. They will visit Hanover Area High School on November 26th, and G.A.R. Memorial High School on December 5th.

The Physics Club Fall Tour will culminate in a Physics Demonstration Carnival on December 12th in the Stark Learning Center on the Wilkes campus from 9 a.m. to 12 noon. Students from any area high school are invited to

1st ADD WILKES PHYSICS CLUB TOURS AREA HIGH SCHOOLS

attend. For more information, contact Dr. Roger Maxwell, Wilkes University at 824-4651 ext. 4822.

PHOTO: Pittston Area High School science students were visited recently by the Wilkes University Physics Club. From left to right: Pittston Area High School students include Evelyn Kampas, Amy O'Boyle, Christa Cocco and Ron Meager. Wilkes University Physics Club members include, Jeff Alaimo, Mark Williams, Myron Pitcavage, Dr. Roger Maxwell, Professor of Physics and Club Advisor, and Brian Augustine.

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Wilkes University

News

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WILKES PHYSICS HONOR SOCIETY

INDUCTS NEW STUDENTS

EDITORS: PLEASE NOTE THE STUDENTS FROM YOUR COVERAGE AREA

WILKES-BARRE-- The National Society of Physics Students Honor Society, Sigma Pi Sigma recently inducted 17 Wilkes University science majors into the chapter. Dr. Steven N. Shore, an Astronomer with NASA at the Goddard Space Flight Center in Maryland presented a lecture, "Things That Go Boom in the Night: Explosive Events in the Cosmos" as part of the celebration.

Shore is a member of the Science Team in the Computer Sciences Corporation at NASA. Additionally, he serves as an adjunct Associate Professor of Physics at Arizona State University and an adjunct Professor of Physics at the New Mexico Institute of Mining and Technology.

The newest members of the Wilkes University Chapter of Sigma Pi Sigma include: Tad Barnhart, Annville; Brian Bohenek, Scranton; Richard Bonning, Nanticoke; Richard Burton, Gouldsboro; Patrick Collins, Scranton; David Demko, Hazelton; Dennis Dudeck, Hazelton; Amy Farro, Pottsville; Daniel Hinkel, Millerstown; Robert Kapuschinsky, Hazelton; Kimberly Karrott, West

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1ST ADD WILKES PHYSICS HONOR SOCIETY INDUCTS NEW MEMBERS

Wyoming; Russell Kissel, Perkasio; Robert Klinke, Dover, New Jersey; Paul Kownacki, Boiling Springs; Kevin Kully, Quakertown; Sherry Macking, Mountaintop; Christine Ogozaly, Nanticoke; Donald Pavinski, West Wyoming; Jennifer Richards, Kingston; John Rozanski, Tunkhannock; Jeff Thibault, Piscataway, New Jersey; and Jeffrey Webster, Laflin.

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WILKES PHYSICS HONOR SOCIETY

INDUCTS NEW STUDENTS

INDUCTS: MEMBERS WITH THE STUDENTS FROM WILKES UNIVERSITY AREA

WILKES STATE— The Wilkes Physics Honor Society, which is being presently inducted at Wilkes University, was organized by Dr. Harold A. Smith, an Assistant Professor of Physics at Wilkes University. The Society is a part of the Wilkes University Physics Department and is a part of the Wilkes University Physics Department. The Society is a part of the Wilkes University Physics Department and is a part of the Wilkes University Physics Department.

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Wilkes University

News

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AREA STUDENTS LEARN TO HAVE FUN WITH

PHYSICS AT WILKES UNIVERSITY

EDITORS: NOTE CONNECTION TO YOUR COVERAGE AREA

WILKES-BARRE -- More than 100 area high school students recently attended the Wilkes University Physics Carnival. Students observed and participated in nearly 20 different demonstrations and activities designed to make the basic principals of physics fun and interesting.

Held each year, the Wilkes University Physics Carnival is conducted by the students and faculty of the School of Science and Engineering in the newly renovated laboratories in the Stark Learning Center.

PHOTO A: Students from Meyers High School experiment with various computer programs in a laboratory at Wilkes University during the Physics Carnival. Seated, from left: Dan Chariton, Wally Hungarter, Sal Deluca, and John Ormando. Standing, from left: Ken Brusilovski, Brian Williams, and Brad Butler.

PHOTO B: Students from Dallas High School and Bishop Hoban watch as Wilkes University physics student, Brian Bohenek of Scranton, conducts a demonstration at the Physics Carnival held recently. From left: Dave Townsend, Dallas; Kerry Rogers, Bishop Hoban; Elise Labor, Bishop Hoban; Margie Martino, Bishop Hoban; Alisa Merolli, Dallas; Vanessa Wysocki, Dallas; and Brian Bohenek, Wilkes University senior.

done

BIOGRAPHICAL SKETCH

Dr. James Maxwell is an Associate Professor of Business with the Business Division at Wilkes University. He holds a Doctorate in Management from Webster University, St. Louis, Missouri, a M.B.A. and B.S. in Management from Maryville University, St. Louis, Missouri. He is currently completing a Doctor of Philosophy in Technology Management at Indiana State University, Terre Haute, Indiana. His teaching, research, business management consultation, and publishing activities are in the areas of Entrepreneurship, Strategic Management, Business Policies, International Business Policies, Decision Making, Strategic Management and Marketing, Marketing Research, Competitive Intelligence, and Information Systems. He has taught at the Carlson School of Management and University College at the University of Minnesota, Minneapolis, Minnesota, University of Wisconsin-Stout, Menomonie, Wisconsin, Chadron State College, and Chadron, Nebraska. Dr. Maxwell has held various senior management and marketing positions with Toshiba and Emerson Electric Company. He also serves on the Editorial Review Board for the Society for Advancement of Management, *Advanced Management Journal*, and a reviewer for *The New England Journal of Entrepreneurship*. He was awarded the Ewing Marion Kauffman Foundation Fellowship for his Doctoral Dissertation, the University of Wisconsin System Teaching Fellowship for 2000-2001 (recognition for outstanding teaching), and a Sam Walton Free Enterprise Fellow. He has written numerous articles in the area of entrepreneurship, strategic management, venture creation-valuation, and has published in a number of refereed journals and peer-reviewed proceedings. He received the "Operations Management and Entrepreneurship Associations" 2001 Midwest Business Administration Association National Conference Distinguished Paper Award for his paper "Transformation of Women Entrepreneurs". He has developed and conducted numerous strategic management, marketing, financial, information systems, and entrepreneurial/small business seminars. He is a recognized expert in the many areas of business and a consultant for multiple organizations and consortiums.