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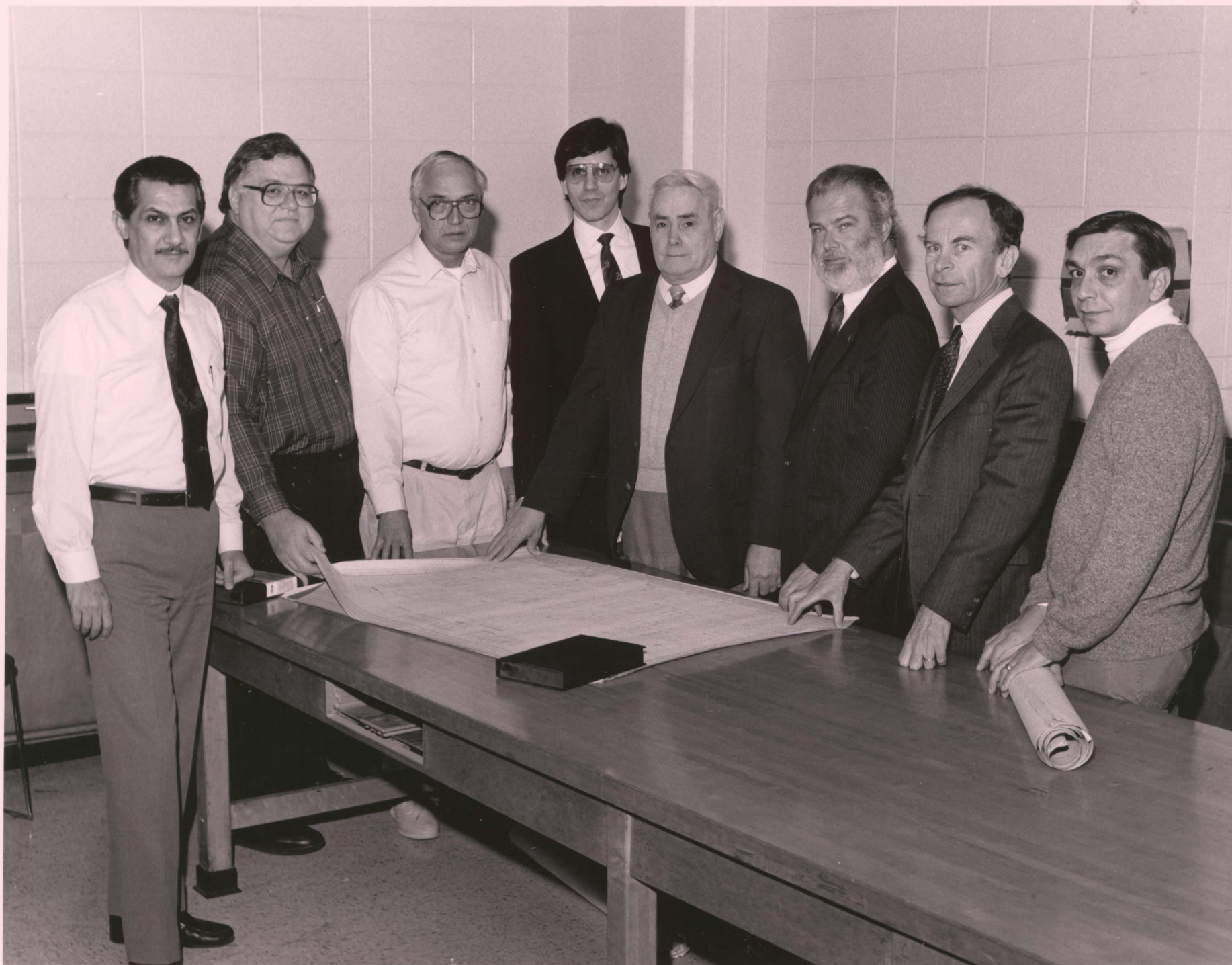
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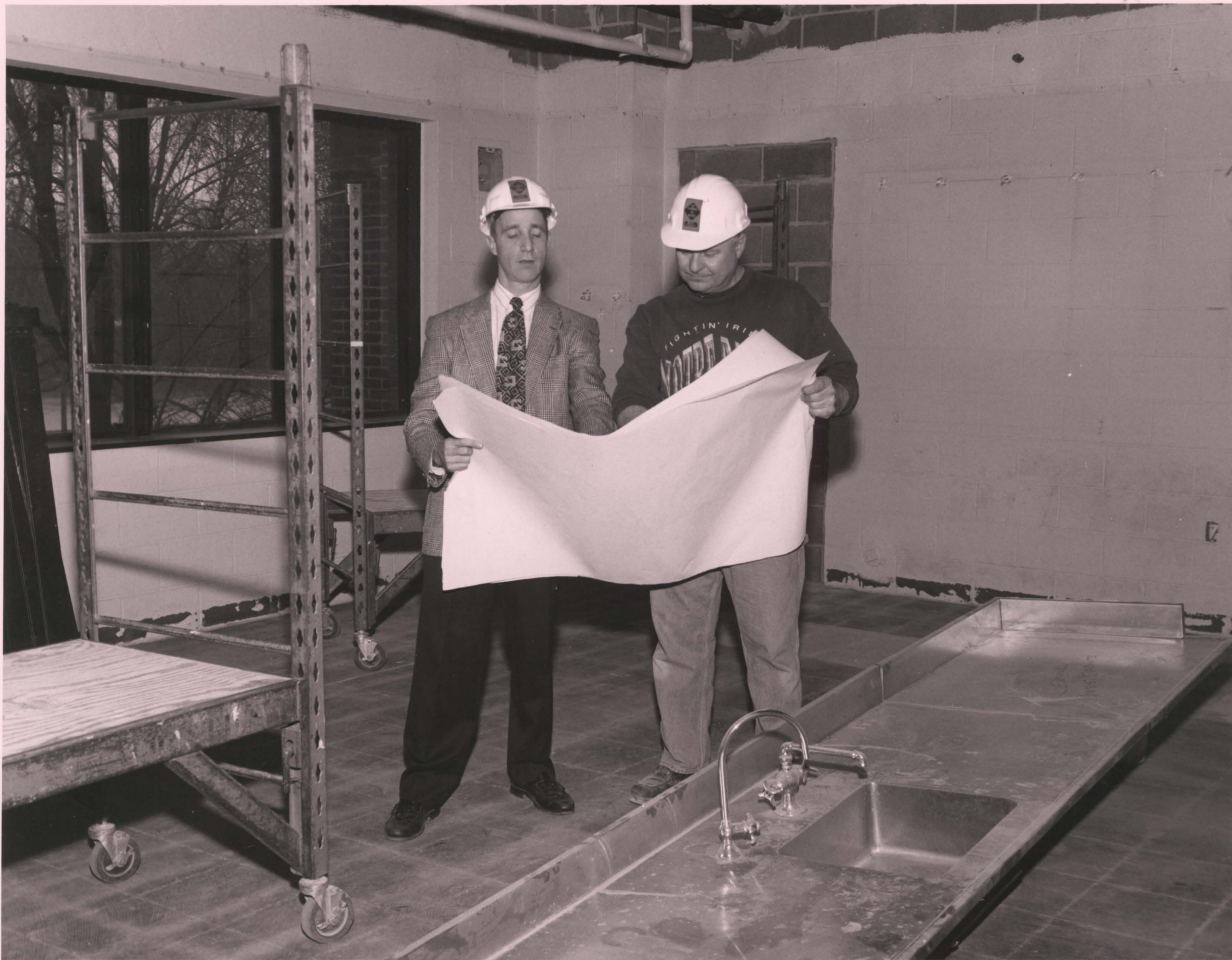
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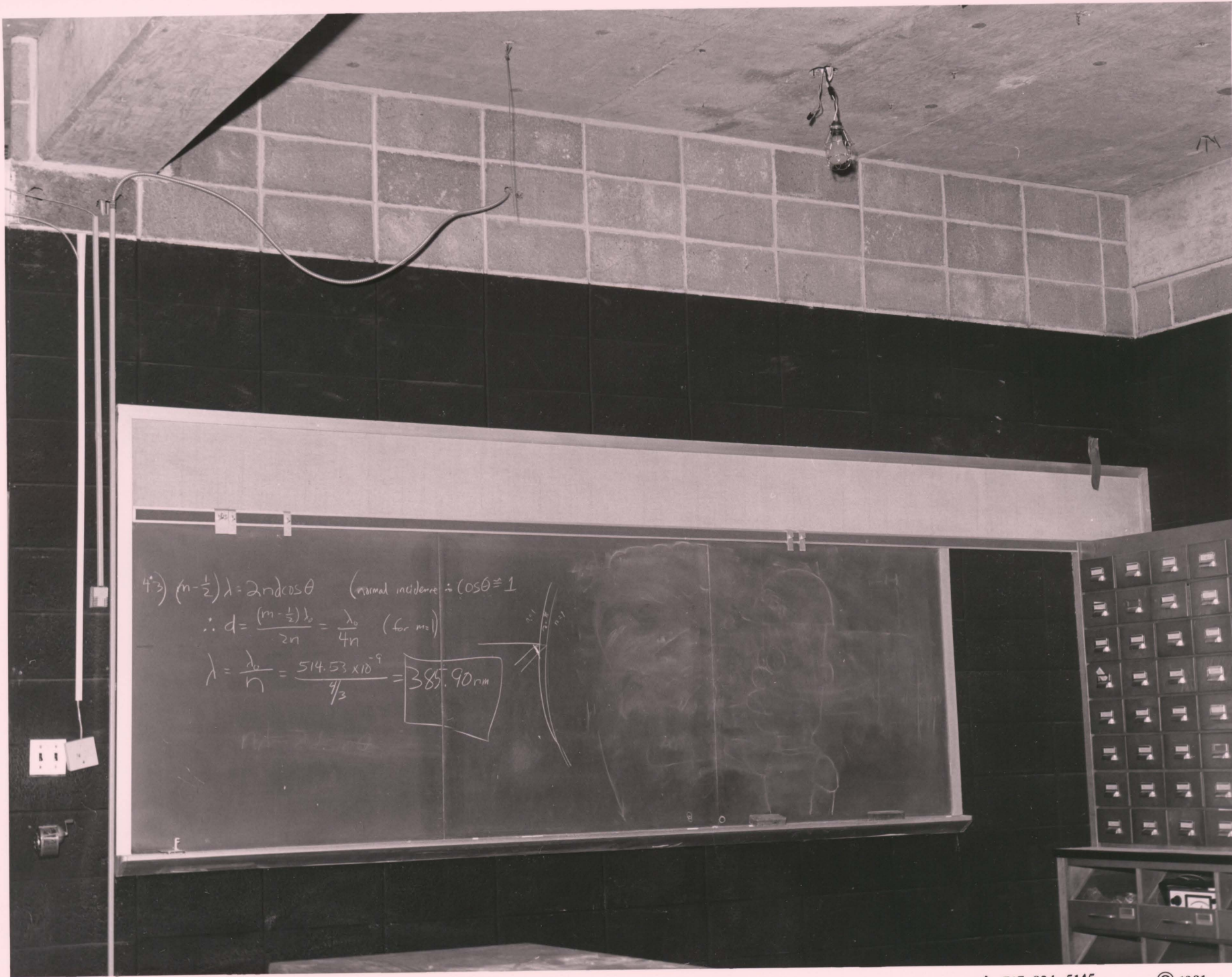




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Wilkes Plans Million Dollar Lab Renovations

Wilkes University has embarked in a complete renovation of its science laboratories in biology, chemistry, and physics, that will give students in those disciplines and in related fields of study the highest caliber equipment and facilities available at the undergraduate level, Wilkes' Vice President for Academic Affairs, Dr. George W. Waldner, announced Saturday.

"One of the historic strengths of Wilkes is an interactive educational environment which nurtures independent inquiry and student responsibility. Laboratory experiences at Wilkes reflect that strength and now will be conducted in facilities without peer in this region," Waldner said.

According to Waldner, the university has made a multi-million dollar commitment to enhance the laboratories not only to keep both the facilities and equipment state-of-the-art, but also to support the university's innovative and rigorous curriculum in the natural sciences.

Citing the laboratories of the departments of biology, chemistry, and physics as "fundamental and indispensable" to the education of the declared majors of those departments, Waldner also emphasized that these laboratories provide valuable support for students majoring in nursing and in engineering.

Although the renovations are scheduled to begin in May, there have been intensive planning sessions held for well over a year.

"For the last eighteen months," Waldner said, "the science departments involved have reviewed their curricula with special reference to the educational role of laboratory experiences in the student's development of science understanding. The facilities and equipment implications of these curricular reviews have been carefully incorporated into the renovation plans."

The equipment for each laboratory will reflect the technological and

curriculum changes that have occurred within that field of study. Biology, for example, and the biology curriculum at Wilkes have been transformed by advances in molecular biology, cellular physiology and microbiology. The renovations and science equipment will take these changes into account to support a variety of new learning opportunities.

Dr. Lester Turoczi, chairman of the Department of Biology at Wilkes, stated that one of the most significant teaching/learning opportunities to come out of the new design for the biology laboratories will be the ability for the professor and small groups of students to work more directly with each other via student work stations equipped with individual monitors that network.

Turoczi said, "The high tech aspects of current video based resources will enable us to efficiently and effectively strengthen information transfer for the student learner."

The renovations planned for the Department of Chemistry will also have for one of its top priorities increased interaction between students and faculty. Through more efficient space utilization design and more sophisticated equipment, advanced students in chemistry and biochemistry will now have advanced labs to support senior level research.

Dr. Owen Faut, chairman of the department said, "We will use these new facilities to provide excellence in education and training in the kind of laboratory that will allow students to move comfortably as scientists into the 21st century."

The renovations to the Department of Physics laboratories include the addition of several high-power computers and corresponding software that will introduce diverse computer-related teaching techniques for physical process calculations and simulation demonstrations.

Dr. Roger Maxwell, chairman of the department said the computers

are only one of several new pieces of equipment and procedures that will be incorporated into the overall renovations of the physics laboratories, and added, "This integration of computers and related software will keep Wilkes in step with, and in many ways, ahead of major innovations in physics teaching."

The three departments are housed within the Wilkes University School of Science and Engineering. In discussing the importance of the plan, Dr. Umid Nejib, Dean of the school said, "We are focusing on biology, chemistry and physics not only because they are the core of our natural science curriculum, but also because they are also the basic foundation of all of our professional programs, specifically engineering and medicine."

The renovations of the science labs and the retention and recruitment of eminently qualified faculty are top priorities for the university. Wilkes has traditionally recruited its faculty through national searches.

Waldner said, "Wilkes has not only recruited excellent new faculty, we have retained the best. They excel as teachers and they also bring expertise in various fields of scientific study to the classroom and the laboratory. This combination plus the 14:1 faculty/student ratio guarantee students an overall education that will serve them well in whatever career or profession they choose to pursue."

The award-winning architectural firm of Mirick Pearson and Batcheler has been selected to both design and renovate the laboratories. The Philadelphia based firm is well known as a consultant in design concepts and management of special projects for colleges, universities, and health care facilities.

Wilkes expects to have the renovations completed by the fall of 1991.

Science Laboratory Renovations

Renovations in Stark Hall have improved the efficiency and safety in chemistry, biology and physics laboratories, while also improving the teaching technology.

The changes benefit not only those basic sciences, but all pre-medical and engineering teaching as well, said Dr. Umid Nejib, dean of the School of Science and Engineering.

Biology laboratories have been revamped with round bench areas, allowing easier collaboration, said Dr. Kenneth Klemow, acting chair of biology.

In addition, the new laboratories have interconnected computers, TV monitors, video-cameras and microscopes so teachers can illustrate a point at the front of the class and each student can see it properly.

As Klemow showed off the labs, a group of four senior biology students — Ron Mosiello, Danielle Bistrichan, Cheryl Casterline and Britt Larka — were gathered around a monitor hooked up to a microscope, studying a slide of a moss capsule in preparation for a Biology 319, Plant Diversity, lab quiz. Working together, they discovered the peristome, then tried to decide whether the capsule included spores. After increasing the microscope magnification, they could see that the cells were still tightly packed and determine that it was an immature capsule which had not yet undergone meiosis.

The new lab arrangements are "helpful, because now we can study together," said Mosiello.

Chemistry laboratories have been redesigned with safety as the controlling factor, said Dr. Owen Faut, who is chair of the chemistry department.

The old laboratories, with U-shaped work areas, posed a hazard because students working at the bottom of the U could not get out if a mishap occurred at the outlet. And four hoods did not allow enough safe experimentation space for students who got bench space.

The new laboratories have four separate four-student benches and hoodspace for all 16 students to work simultaneously. The hoods, designed to keep fumes out of the laboratory, are equipped with flow monitors to ensure they are working properly.

Instrumentation is centrally located in each laboratory, and the most sophisticated equipment is located adjacent to the most sophisticated labs so advanced students have easy access to research equipment. Two former faculty offices have been converted into student research offices.

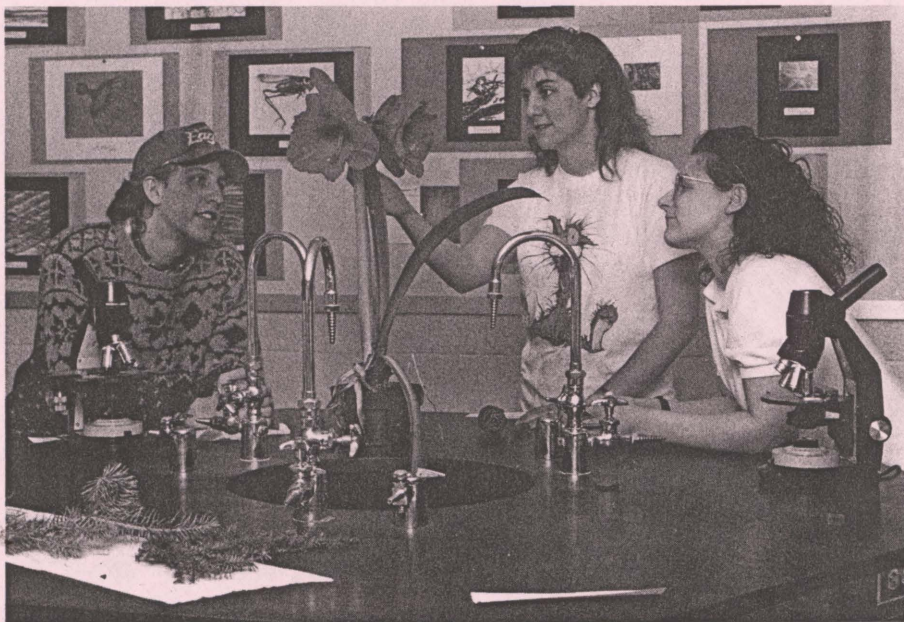
In addition, the chemical stockrooms have been relocated to one room with specially designed ventilation, spill control and record keeping facilities. Volatile chemicals are housed in a separate storage room equipped with flame detectors, explosion proof lighting and an automatic carbon dioxide fire control system.

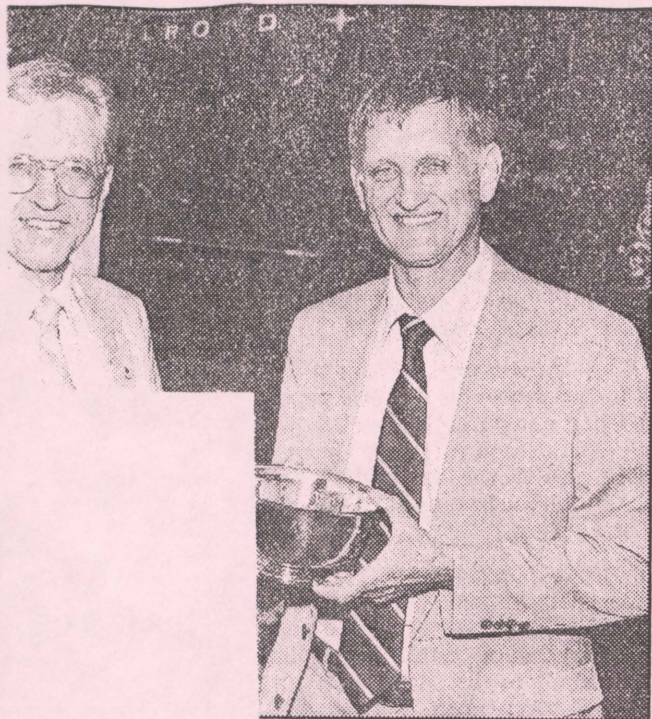
Safety has to be a major concern, said Faut, because chemistry students have to learn how to handle dangerous and volatile chemicals. "If chemists can't handle them, who will?" he asked.

Physics laboratories have been revamped with better storage and a new computer laboratory. Equipped with 10 Macintosh II cx computers, the labs allow students to work as a class or on individual projects.

"You can't teach physics any more without computers in the classroom," said Dr. Roger Maxwell, chair of the physics department.

At left, Greg Turner, Cindy Gensel and Gaye Gustitus examine a plant in a biology lab.





year named

Association (PSCA) recently named Mr. Zavada, a counselor at Coughlin High School, School Counselor of the Year. In addition to a master's degree and supervision from the University of Scranton, Mr. Zavada has received graduate courses at Wilkes University, Ohio State University, and Marywood College. Zavada has brought more opportunities to the Wilkes-Barre area by extra effort in involvement. As President of the Lion's Club, he initiated a commitment to the Quest Program which combats drug use among students in schools through education. Mr. Zavada has received much recognition and many commendations for his service to the students in the Wilkes-Barre area. As part of the Luzerne County School Counselors' Association, he has been instrumental in providing strong leadership and has helped many counselors to improve their activities and a member of the PSCA Executive Committee. Mr. Zavada received a pewter engraved bowl from the Association of Private School Administrators (APSA) while presenting the award at the counselors annual conference in Wilkes-Barre. Mr. Zavada is pictured above with his award being presented by Clarence Michael, president of Luzerne County School Counselors' Association.



Renovation project under way

Wilkes University recently began renovations of its science laboratories, reflecting the school's commitment to provide its students with the most modern equipment and facilities available at the undergraduate level. The University has made a multi-million dollar commitment to enhance its biology, chemistry and physics laboratories, not only to keep the facilities at the forefront of technology, but also to support the University's innovative and rigorous curriculum in the natural sciences. New equipment for each laboratory will reflect the technological and curriculum changes that have occurred at Wilkes, thus supporting a variety of new learning opportunities. Dr. Umid Nejib, dean of the Wilkes University School of Science and Engineering, within which the three departments are housed, believes the upgraded facilities will have a profound effect upon the overall Wilkes education. Wilkes expects to have the renovations completed by the fall. Shown from left are: Bob Morgan, Morgan Electric; Dave Polak, Power Builders, Inc.; Carl Postupak, Postupak Painting Co., Inc.; Bob Mugford, Power Engineering Corp.; Ray Woods, Wilkes University Director of Facilities; Gene Manganello, Wilkes University Director of Human Resources Management; and Gabe Sidonio, American Building Maintenance Manager.

President named

Carmen F. Ambrosino, chief executive officer of Wyoming Valley Alcohol and Drug Services, Inc., Kingston, has been re-elected to serve an additional two-year term as President of the Pennsylvania Chemical Abuse Certification Board (PCACB). Ambrosino is in his first two-year term as President.



NORTHEA

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President and
Chief Executive Officer

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Mark-FX/
Chris

December 11, 1997

Mr. Paul J. Strunk
Vice President for Alumni Development
And University Relations
Wilkes University
Wilkes-Barre, Pennsylvania 18766

Dear Paul:

I am delighted to officially inform you that Novartis Pharmaceuticals Corporation will support renovation to the Stark Learning Center for the Wilkes University School of Pharmacy. Our check for \$125,000.00 is enclosed and we understand these funds will create a multimedia classroom, which will be called the "Novartis Amphitheater."

This collaboration for the benefit of Wilkes pharmacy students is an affirmation of the ties that exist between the University and our industry. We are happy to participate in this important initiative and I commend the Administration, Faculty and Staff for working to establish this high-tech resource that will meet the needs of students for years to come.

Thank you for providing an opportunity for Novartis Pharmaceuticals to support pharmacy education at Wilkes. My best to all for happy holidays.

Sincerely,

Wayne P. Yetter

WPY:aor

Enclosure

cc: Patrick Barbera
Al Nathewitch
Dr. Christopher N. Breiseth
Dr. Bernard W. Graham



Novartis Amphitheater named at Wilkes

Representatives from Wilkes University, Wilkes-Barre, and Novartis Pharmaceutical Corporation, East Hanover, N.J., held a dedication ceremony to formally designate room 166 of the University's Stark Learning Center as the new Novartis Amphitheater. Shown, from left: Dr. Bernard W. Graham, Alyse Baumann, pharmacy major; Wayne P. Yetter, Dr. Christopher N. Breiseth.

T.L. 1-26-99



Wilkes University unveils Rite Aid Auditorium

Wilkes University and Rite Aid Corporation held a ribbon cutting and plaque unveiling ceremony to dedicate Room 101 of Stark Learning Center as the Rite Aid Auditorium. Timothy J. Noonan, president of Rite Aid, delivered the keynote address. Representatives from Wilkes and Rite Aid participated in the ribbon cutting and unveiled a prototype of the plaque that will adorn the entrance of the auditorium. Rite Aid gave a donation for the remodeling of Stark 101. Shown, from left: Dr. J. Michael Lennon, vice president for academic affairs; Dr. Bernard W. Graham, dean, school of pharmacy; Alyse Baumann, pharmacy class of 2000 and student body president; Noonan; Michael A. Podgurski, R.Ph., director of pharmacy development of Rite Aid Corporation.

J.L. 11-24-98

Wilkes University

News

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WILKES THANKS CONTRACTORS FOR JOB WELL DONE

WILKES-BARRE -- Wilkes University officials and representatives from the contracting firms hired to complete extensive renovations to the Stark Learning Center met recently to finalize last minute details and say thanks for a job well done.

From start to finish, the project was completed in less than 15 weeks at a cost of \$1.9 million. Renovations included the addition of an air conditioning system to all offices and labs in the building and refurbishing of the lab equipment.

"This was a big project for Wilkes and it had to be done right. We are delighted with the quality of the work and how quickly it was completed," said Paul A. O'Hop, Vice President of Business Affairs & Auxiliary Enterprises. "We set a monumental task before these companies and they came through - on time," he continued.

Photo: Seated from left to right: Lee Federline, Celtech; Gene Manganello, Director of Human Resources Management; Ray Woods,

Director of Facilities Management; Dave Polak, Power Builders.

Standing from left to right: Mike Hardick, Power Builders

superintendent; Bob Morgan, Morgan Electric; Chet Purta, Morgan

Electric; Glenn Roberts, Power Engineering; Leon Remakus, Power

Builders.

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Stephanie Harmon
Assistant Director
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WILKES THANKS CONTRACTORS FOR JOB

WELL DONE

WILKES-BARRE - Wilkes University officials and representatives from the contracting firms hired to complete extensive renovations to the Brock Learning Center met recently to discuss the last minute details and give thanks for a job well done.

From start to finish, the project was completed in less than 18 weeks at a cost of \$1.9 million. Renovations included the addition of an air conditioning system to all offices and labs in the building and refurbishing of the lab equipment.

"This was a big project for Wilkes and it had to be done right. We are delighted with the quality of the work and how quickly it was completed," said Paul E. O'Hop, Vice President of Business Affairs & Auxiliary Enterprises. "We set a monumental task before these companies and they came through - on time," he continued.

Photo: Seated from left to right: Lee Federline, Jaltach; Gene Manganello, Director of Home Services Management; Ray Woods.