

WILKES LEAVE TO NATIONAL SCIENCE FOUNDATION
1962 - 1963
VOL. 7

NATIONAL SCIENCE FOUNDATION
WASHINGTON 25, D.C.

NOV 1 1961

Dr. F. J. Michelini
Department of Biology
Wilkes College
Wilkes-Barre, Pennsylvania

Dear Dr. Michelini:

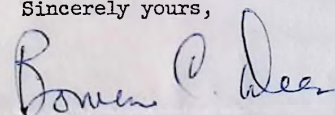
It was pleasant for members of the SPE Division to have had the opportunity of talking with you during your visit to the Foundation on May 1, 1961.

In response to the interest which you exhibited in our programs, and the corresponding interest which our staff has in you, I would like to start the necessary paper work.

The position we would like you to fill is that of Assistant Program Director in the College and Elementary Program of the Institutes Section at a salary of \$10,635 per annum starting on or about September 10, 1962.

I look forward with interest to your reply.

Sincerely yours,



Bowen C. Dees
Assistant Director for
Scientific Personnel and Education

STAPLES

WILKES COLLEGE
WILKES-BARRE
PENNSYLVANIA

November 7, 1961

Dr. Bowen C. Dees
Assistant Director for
Scientific Personnel and Education
National Science Foundation
Washington 25, D.C.

Dear Dr. Dees:

I feel quite honored that the members of your staff feel that I might contribute to the programs of the Foundation by coming to Washington as a rotating member of the Foundation staff.

The position of Assistant Program Director in the College and Elementary Program of the Institutes Section is indeed an area of active interest to me and to my home institution. I have discussed the appointment with my president, Dr. Eugene S. Farley, and he has indicated his complete cooperation in making it possible for me to accept the position.

It makes me very happy to be able to accept your offer of this appointment.

The starting date of September 10, 1962 would seem most desirable at this time. I will have some adjustments to make regarding termination dates of research grants that should be by just formalities. If any complications arise I will make you aware of them as promptly as possible.

Thank you very much for the kindness and courtesy shown me on my visits to the Foundation and for your consideration of me for this position. I am looking forward to working with the very fine people I have met at the Foundation.

Sincerely,

Francis J. Michelini, Ph.D.
Associate Professor in Biology

Dr. Harry C. Kelly
Office of the Director
National Science Foundation
Washington 25, D. C.

Dear Dr. Kelly:

Dr. Michelini has d
opportunity that you have offer

I agree with you tha
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As it is likely we wi
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association with you should be

I am delighted that y
opportunity.

ESF:npc
cc: Dr. F. J. Michelini ✓

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November 7, 1961

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member of the Foundation

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Foundation.

Sincerely,

Francis J. Michelini, Ph.D.
Associate Professor in Biology

V. Suggested Increase in Tuition: \$750

December 8, 1961

Reasons: 1. Increase in salaries.
2. Increase in size of staff.

Dr. Harry C. Kelly
Office of the Director
National Science Foundation
Washington 25, D. C.

VI. Curriculum Changes

Dear Dr. Kelly:

Dr. Michelini has discussed with me the
opportunity that you have offered to him for next year.

I agree with you that it will be most advan-
tageous for him to gain this experience. This is
particularly true as I want him to serve as Dean of
Academic Affairs upon his return to the College. In
this position, he will be able to do some teaching and
some research, but will primarily be responsible for
the development of our own program of studies and for
the employment of staff members.

As it is likely we will be expanding our sci-
ence staff within the next two or three years, his
association with you should be most valuable to us.

I am delighted that you have offered him this
opportunity.

Sincerely yours,

E. Starley
President

ESF:npc

cc: Dr. F. J. Michelini ✓

Dr. Mike

INSTRUCTION COMMITTEE
AGENDA

11 AM Wednesday, January 31, 1962

I. Special Promotions

1. Francis Michelini

Associate Professor of Biology to Professor of Biology
Increase salary \$50 per month as of February 1, 1962.

2. Robert Riley

Assistant Professor of Psychology to Professor of Psychology
Increase salary \$50 per month as of February 1, 1962

II. Appointments

Francis Michelini as Dean of Academic Affairs as of February 1, 1962.
Dr. Michelini will divide his time between teaching, research and administration.

III. Faculty Salaries

Authorization to increase faculty salaries for 1962-63 as follows:

Professors	-	\$ 200 - 500
Assoc. Prof.	-	200 - 400
Assist. Prof.	-	200 - 300
Instructors	-	100 - 300

This authorization is needed in preparation of the budget and in the negotiation of new contracts. The total increase, with additional personnel, will be between \$40,000 and \$45,000.

IV. Comparative Salaries in Pennsylvania Colleges

The average salaries paid in 69 colleges by professional rank -

	Professors	Associates	Assistants	Instructors
Maximum	\$13,786	\$10,423	\$8,308	\$6,732
Quartile 3 <i>75% below</i>	8,930	7,412	6,447	5,400
Median <i>50%</i>	8,127	6,900	6,000	5,160
Quartile 1 <i>25%</i>	7,240	6,321	5,646	4,900
Minimum	6,100	5,600	4,992	4,032
Wilkes Average	\$7,236	\$5,810	\$5,736	\$4,611
% of Colleges exceeding the Wilkes Avg.	76%	90%	70%	80%

APPLICATION FOR NAME

1. Name and address of

Wilkes-College
Wilkes-Barre, Pa.

2. Name of principal investigator

Dr. Francis J. Michelini
Assistant Professor

3. Title of proposed research

The use of a device
of the development
Moretti.

4. Description of the project

"The factors which
correlated development
wide variety of factors

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FRANCIS J MIC

WILKES

CONGRATULATIONS

SCIENCE FOUND

FUTURE CAREER-

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THE COMPANY

COMMITTEE
DA
January 31, 1962

to Professor of Biology
month as of February 1, 1962.

to Professor of Psychology
month as of February 1, 1962

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	6,000	5,160
	5,646	4,900
	4,992	4,032

\$5,736 \$4,611

70% 80%

July 30, 1956

APPLICATION FOR NATIONAL SCIENCE FOUNDATION RESEARCH GRANT

1. Name and address of institution:

Wilkes-College
Wilkes-Barre, Pennsylvania

2. Name of principal investigator:

Dr. Francis J. Micheline
Assistant Professor of Biology

3. Title of proposed research:

The use of a developmental index, the plastochron index, in the elucidation
of the developmental processes which direct growth in Xanthium italicum
Moretti.

4. Description of the proposed research:

"The factors which so direct growth that it results in an orderly series of
correlated developmental processes are as yet but little understood. A
wide variety of factors have been studied which appear to have some effect

CLASS OF SERVICE

This is a fast message
unless its deferred char-
acter is indicated by the
proper symbol.

WESTERN UNION TELEGRAM

W. P. MARSHALL, PRESIDENT

SYMBOLS

DL=Day Letter
NL=Night Letter
LT=International
Letter Telegram

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The filing time shown in the date line on domestic telegrams is LOCAL TIME at point of origin. Time of receipt is LOCAL TIME at point of destination

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1961 JUN 27 AM 11 58

W SNA037 GOVT PD=SN WASHINGTON DC 27 1137A EDT

=FRANCIS J MICHELINI=

WILKES COLLEGE WILKESBARRE PENN=

CONGRATULATIONS ON BEING AWARDED A NATIONAL

SCIENCE FOUNDATION GRANT. BEST WISHES FOR YOUR

FUTURE CAREER=

JOSEPH S CLARK USS.=

THE COMPANY WILL APPRECIATE SUGGESTIONS FROM ITS PATRONS CONCERNING ITS SERVICE

INSTRUCTION COMMITTEE
AGENDA
Wednesday, January 31, 1962

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5,600	4,992	4,032
\$5,810	\$5,736	\$4,611
90%	70%	80%

July 30, 1956

APPLICATION FOR NATIONAL SCIENCE FOUNDATION RESEARCH GRANT

1. Name and address of institution:

Wilkes-College
Wilkes-Barre, Pennsylvania

2. Name of principal investigator:

Dr. Francis J. Michellini
Assistant Professor of Biology

3. Title of proposed research:

The use of a developmental index, the plastochron index, in the elucidation of the developmental processes which direct growth in Xanthium italicum Moretti.

4. Description of the proposed research:

"The factors which so direct growth that it results in an orderly series of correlated developmental processes are as yet but little understood. A wide variety of factors have been studied which appear to have some effect on growth and development, but our knowledge is still insufficient to make possible the formulation of any general theory of morphogenesis."
(Sinnott and Wilson, 1955. Botany. pg.164, McGraw-Hill.)

This analysis of the present state of affairs in the field of morphogenesis is the background of the problem which, it is hoped, may yield to the newer approaches of developmental morphologists. The recent strides in physiology that have contributed greatly to our understanding of certain activities in plants and animals also have opened new approaches for studies of the developmental processes which contribute to growth and differentiation. Morphological development may be considered as a resultant of an array of physiological activities; therefore, it becomes of interest in morphogenesis to attempt to study and understand what relationships exist between these physiological activities and morphogenetic changes. If studies of these changes are to have meaning they must be indirectly related to time. Attempts to link anything more than the simplest aspects of development to time directly have been very disappointing. (Erickson and Michellini. 1952. A.I.B.S meetings. Cornell University.) This is easily understood if it is realized that the simplest type of study of development usually requires killing or dissection of the plant being studied in order to obtain the desired data. This circumstance necessitates dealing with parallel specimens or samples to provide data for a developmental study. In higher plants this problem of obtaining parallel specimens has been a major difficulty. This may be seen most readily by observing a collection of data for a given leaf from many plants grown under a variety of conditions at different periods of the year, Fig. I. Analysis of such a collection of data is

useless in terms of correlating the activity studied with morphogenetic changes. If growth data is to have meaning, some reliable criterion or index of developmental status of each specimen, which can be related to time, must be used. This problem was attacked and a solution reached by the establishment of such a developmental index, termed the plastochron index, which was reported by Erickson and Michelini (op. cit.). The reliability of this index as a tool in approaching morphological and physiological problems during development was established. (Michelini, 1955. A.I.B.S. meetings. Michigan State University.) Figure 2 shows the data contained in figure 1, now plotted against the index rather than directly against time. Various properties of developing leaves were studied and compared in this fashion, among them being fresh weight, dry weight, chlorophyll content and oxygen uptake during the course of leaf development for three different leaves on the plant and involving almost one thousand plants grown over a period of three years. All of these showed extremely precise relationship of the characters studied to development when plotted against the developmental index.

This establishment of the reliability of this index in developmental studies has now opened the way to a more precise study of the factors that directly influence growth and differentiation. Tentative cytological exploration of lamina development in the leaf has shown that such drastic changes as differentiation of the mesophyll layers and palisade layers apparently occurs at precise stages of development in terms of the index. One of the objectives of the proposed study is to establish in the precise terms of the index the stages at which various morphological changes occur. Independently of the cytological establishment of changes, it is proposed that the presence of various metabolic substrates be quantitatively followed throughout the course of leaf development and any changes correlated with the morphological changes. Dr. Victor Runeckles of Queens University, Kingston, Ontario, has proffered his services in chromatographing leaf extracts sent to him as unknowns from this laboratory. The nature of the free sugars and amino acids present in such extracts and the amounts in which they occur often indicates synthetic mechanisms and the presence or absence of specific enzyme systems. Such information correlated with the pattern of morphogenetic change in the leaf as determined in terms of the index would provide a basis for more detailed investigations of these phenomena.

Morphogenesis may be studied experimentally in this fashion with a high degree of reliability, both in selection of experimental material and in the interpretation of the results obtained. This is so because of the peculiar property of the developmental index; the variables of time, season, nutrition, etc., are all compensated for, since the index is based upon the stage of development rather than the period of time involved in reaching any given stage. This property makes it possible to interpret activities in terms of specific rates which remain constant in all of the experimental plants. Variations in these rates as a result of, or as a precursor of, any specific morphogenetic change, become immediately apparent when plotted in terms of the index. It is proposed that this project establish more specifically, how this index may be used in critical studies of the problems of morphogenesis.

5. Facilities:

The facilities of the Wilkes College Biology Department are available and adequate including equipment in student laboratories as well as additional space and equipment of the Biological Research Laboratories devoted exclusively to investigative problems of the department. The laboratory is equipped with the following instrumentation pertinent to this problem:

Bausch and Lomb Spectronic 20
International centrifuge
Beckman pH meter
Refrigerator and Deep Freeze Units
Paraffin ovens, microtomes, auto-technicon type unit, etc.
Lighting and timing equipment for maintenance of proper photoperiod.

The most pressing need in this problem at the present time is for adequate facilities for growing the experimental material and preparing it for analysis. The items are listed under permanent equipment in the proposed budget.

6. Personnel:

Principal Investigator:

Francis J. Micheline

Age: 30 Married U.S. Army Air Force 1944-1946

Undergraduate Training:

Attended Seton Hall University from 1943-1944; 1946-1949.

Received B.S. degree in Chemistry in 1949.

Graduate Training:

Attended University of Delaware from 1949-1950.

1949 - Entered graduate training in the Department of Biological Sciences, University of Delaware. Research under Dr. M.A. Russell.

1949 - Research Fellow under contract with the Office of Naval Research,

1950 - Department of the Navy, and the University of Delaware (NR 164-858).

1950 - Completed requirements for M.S. degree.

Attended University of Pennsylvania from 1951-1955.

1950 - Entered graduate training in the Department of Botany, University of Pennsylvania. Research under the supervision of Prof. Conway Zirkle (cytology); Prof. David Goddard (physiology); and Prof. Ralph Erickson (developmental morphology). Because of the absence of each at various times as the recipient of sabbatical leaves or Guggenheim Foundation Awards, research was completed under Dr. David Goddard, although Dr. Ralph Erickson was major professor.

FIGURE I

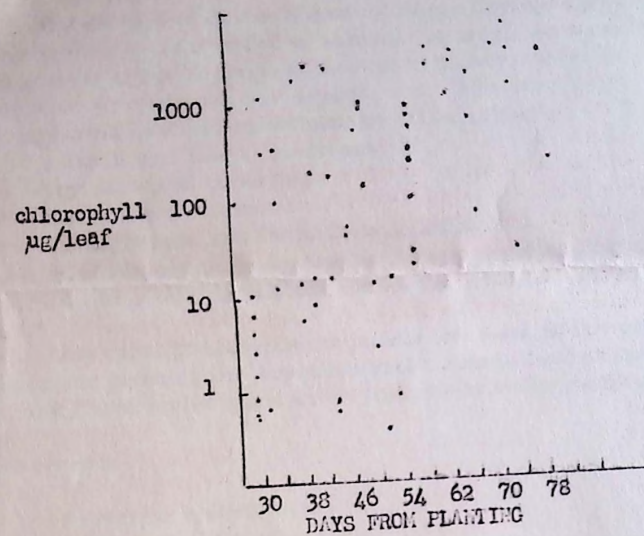
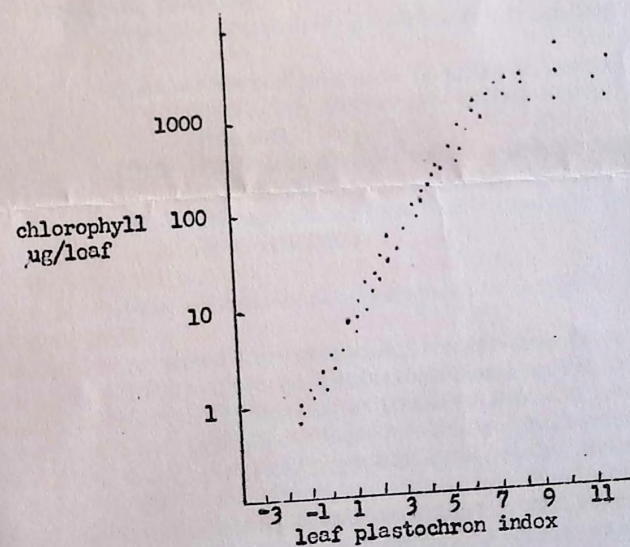


FIGURE II



1950 - Recipient of University Scholarship, University of Pennsylvania
1952-1955 - Assistant Instructor in Botany,
1955 June - Received Ph.D. degree from the University of
Pennsylvania.

Present:

1955 September - Appointed Assistant Professor of Biology,
Wilkes College.

Bibliography:

Russell, M.A. and Michelini, F. J.

Relation of Mitotic Activity to the Effects of X-Rays and
Nitrogen Mustard as Indicated by the Growth of Corn
Seedlings. Cancer Research 11:687-93, 1951.

Erickson, R. O. and Michelini, F. J.

Paper in the process of being completed for submission to the
American Journal of Botany entitled, The Plastochron Index.
Presented initially to the American Institute of Biological
Sciences Meetings at Cornell University in 1952 by the
junior author.

Michelini, F. J.

Paper entitled, 'The Use of the Plastochron Index in Studies
of Morphological and Physiological Development in Xanthium
italicum, Moretti, in manuscript for submission to the
American Journal of Botany.

Other Personnel:

Dr. Victor Runeckles

Age: 28 Married

Received Ph.D. degree from the University of London in
June, 1955, in the field of Physiology and Biochemistry.
On National Research Council post-doctoral fellowship at
Queens University, Kingston, Ontario.

Additional information unavailable at time of preparation.

7. Budget:

(a) Salaries:

	1st year	2nd year
Principal investigator, for interim summer months of 1/2 June, July, August, 1/2 September.....	\$ 1000	\$ 1000
Part time assistants.....	500	500

(b) Permanent Equipment: *

1-Orlyt prefabricated aluminum greenhouse with accessories and installation costs	2500	---
(most pressing item for continuance of this general research project.)		---
1-Fisher vacuum pump	235	---

(c) Expendable Equipment:

Chemicals, glassware, potting supplies	250	350
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(d) Travel:

Yearly attendance at A.I.B.S. and A.A.A.S. scientific meetings	150	150
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(e) Publication:

Purchase of unavailable texts and reprints	50	50
Total, each year	\$ 4685	\$ 2050
Two year total		\$ 6735
Indirect costs, 10%, Wilkes College overhead		675
		<u>\$ 7410</u>

* It is appreciated that item 1 under permanent equipment constitutes a considerable expenditure but it constitutes the most serious need for continuance of the present and proposed research. The college has contributed very generously for establishment of research laboratories and equipment for maintenance of proper photoperiod, essential in this material. This item is beyond the capacity of our limited budget and it is sincerely hoped it does not represent too large an item for approval. The items requested will provide for continued research on problems of morphogenesis in succeeding years.

This proposal is not being submitted to any other possible sponsor at the present time. A current departmental research program is being sponsored by the National Institutes of Health. (U.S. Public Health Service)

Respectfully submitted,

Eugene S. Farley
President, Wilkes College

Francis J. Michelini
Assistant Professor of Biology

Charles B. Reif
Chairman, Department of Biology

WILKES COLLEGE
WILKES-BARRE
PENNSYLVANIA

January 30, 1956

Hi Pop:

Thought the enclosed might provide an excuse for not writing sooner. The deadline for it is Feb. 1st and I got it out at 5:30 today, special delivery, air mail, so it should get there tomorrow. What a hectic day between that job and the first day of classes. Tomorrow looks as though it will be just as bad. I'm looking forward to next weekend though and I'm not going to worry about work then. I expect we'll be down Saturday morning sometime with Aunt Betty in tow. Thanks a million for the handling of the tickets and the billing. I certainly appreciate your handling the finances for it's a big help right now.

Was quite a surprise to see Lucia and Chuck over the weekend. They came over for a visit Saturday night and we enjoyed it very much. Paul slept through the whole thing but boy is he big. Wow!

Everything is fine with us; busy, but happy. Exams were quite a shock. I expected a two week vacation but worked harder than ever; plus the strain of giving marks. That really takes it out of you. Now I better get back to my preparations for tomorrow so bye-bye. See you next weekend.

Hi Pop:

Bye now you will know the good news about my research grant from the National Science Foundation. I plan to call home tonight and give you the word. It's really quite a satisfying accomplishment and I really feel very proud and happy. I've enclosed the proposal that has been approved for I'm not sure whether I sent you a copy when I first sent it to the NSF or not. It's really a very nice problem and I have high hopes for it.

Lisa is doing fine so far. Sleeping like a top. We're not sure if she has slight colic or not. She had a few bad hours two days ago but has been fine the last 24 hours so it's hard to tell. We're looking forward to seeing you all on the 30th. Just keep any measles carriers away. I'd hate to see such a new wee thing with measles.

Aunt Betty called Anne Marie yesterday to see how things are. They

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Aunt Betty called Anne Marie yesterday to see how things are. They are really putting in the shifts down on the farm. All their corn is planted, a first cutting of alfalfa in plus Lord only knows what else. I guess Gus will spend the weekend on a tractor.

Now back to work. Things have really been hectic but that phone call from Washington this morning has me right back in the spirit of things. I was really sweating out some income for this summer. See you all soon.

Love

Francis
Francis

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NATIONAL SCIENCE FOUNDATION

September 1962 to Sept. 1963

The correspondence on the following pages reflects a significant and exciting period of our personal and professional life.

The involvement of undergraduate students in the research programs funded by the National Science Foundation at Wilkes College had attracted the attention of the staff at NSF and an invitation was offered to apply for a one year position on the foundation staff. Dr. Alan T. Waterman was the founding director of the foundation and initiated a policy of having one-third of the foundation staff active researchers and faculty from institutions with NSF programs.

The intention was to keep an active flow of ideas moving in both directions, to and from the academic world, so that staff at NSF would not become insulated from the realities of research operations on the campus. They were especially interested in the successful interface between the undergraduate student and the researcher and Wilkes had been recognized as one of the most successful at that integration. Student research papers presented at the Eastern Colleges Science Conferences in the late fifties and early sixties had identified Wilkes as one of the outstanding institutions for successful student research.

The College in turn recognized these successes with continued support through promotion and salary that made possible the leave of absence to serve as a member of the NSF staff.

The personal decisions of our family during this period were life changing.

In early 1961 the Board of Trustees under the leadership of Admiral Harold Stark had been examining the administrative staffing at the college. They recognized the outstanding leadership of Dr. Farley but expressed concern about the lack of a second level of administration that could continue college oversight if he should fall ill or otherwise be unable to perform his duties.

In later years Dr. Farley told me that Admiral Stark had used the analogy of command responsibilities of leadership on a naval vessel. He quoted Admiral Stark as follows:

"If the Captain of a fighting ship is shot off the bridge, there must be someone ready to step up and perform his duties. If that person is shot off the bridge, another must be ready to step up. The duty of the crew is to keep that a fighting ship until the battle is won."

As a result of their discussions the Board charged Dr. Farley with developing a level of administration that would assure continuity of the leadership function at the college if that situation should arise.

Dr. Farley subsequently asked me to consider accepting the responsibility of the newly created position of Dean of Academic Affairs which presented a crucial professional dilemma. The move into administration would inevitably involve leaving the field of active scientific research. It would be very difficult in the sciences to maintain research relevance if administrative duties were to be performed at the institutional level.

It was just days before the need to make this decision that the National Science Foundation had written me with the offer to join their staff on a one year appointment and when I reviewed the options with Dr. Farley the die was cast to join the administration. My special promotion to the rank of Professor was official recognition of my prospective move.

The December 8, 1961 letter from Dr. Farley to Dr. Harry C. Kelly at NSF very clearly defined the future:

"This is particularly true as I want him to serve as Dean of Academic Affairs upon his return to the College. In this position, he will be able to do some teaching and some research, but will primarily be responsible for the development of our own program of studies and for the employment of staff members."

This change in career course became a major decision for Anne Marie and our family and ultimately changed our lives.

We packed up and moved to Washington after completion of my summer research obligations. Our three girls were six, four and three with school not yet an issue. We were young and excited at the prospect of a year in Washington and by September 1st were in our new Mattapony apartment unit in Bladensburg, Maryland.

The actual duties during that year varied considerably and during that period my staff assignments shifted. Among the added responsibilities was coordinating the orientation program for the visiting foreign scientists who were observing NSF functioning. Those and other changes resulted in promotion from Assistant Program Director to Associate Program Director which was unusual and very flattering.

Other odd program assignments ranged from reporting to staff about congressional hearings at which the NSF budget was on the agenda, to minor lobbying if congressional staff were tasked to provide information to the members of Congress they served.

The primary responsibility for my position was oversight of the implementation of science teacher education through the very popular Summer Teacher Institutes that were being funded by NSF. This was the "Post-Sputnik" era in the sciences and the national effort to improve science education had been tasked to NSF.

The change in the NSF mission from purely research funding to education improvement involved new curriculum developments in biology, chemistry, math and physics. NSF recruited top faculty from the

finest universities and formed writing teams to develop support materials for teachers in these fields.

There were three versions of proposed curriculum: Biological Sciences Curriculum Study, (BSCS) each with a different focus; PSSC physics; and NSF math. NSF was tasked to teach teachers to the maximum benefit. That mandate led to the creation of a section of the foundation where I was assigned.

I visited programs at many universities in California, Oklahoma, Louisiana, Florida, etc. to evaluate the effectiveness of their pre-service experimental programs that involved college-level Academic Year Institutes which provided exposure to the new subject areas.

Most travel was in propeller aircraft. My first Washington were on the French Caravelle. By the beginning to enter commercial service in 1945, the rapid conversion of the war time American aircraft production. Boeing, Lockheed, North American, etc. What an exciting era for a WW II Army Air Corps sergeant!

My collection of beer mugs began to grow. A record of each institution I visited but a small one to testify, that collection grew out of hand. I visited presidential colleagues and added me to the travel sites. When funds ran low I settled for a beer mug.

These campus visits and observations led to application to conduct Summer Institutes for teachers and 1965 marked the first year of a series of institutes for teachers held in our college. We received applications from 985 teachers for the available spaces in the program. These institutes were held on campus for the six week long Institute.

During our time in Washington Anne Marie had the fortune to attend the retirement ceremony for Dr. Waterman on May 17, 1963 in the then White House near the White House.

While at NSF I returned to give the Wilkes Class of '63 on June 9, which was a great member. A copy of those remarks was filed.

to consider accepting the
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dilemma. The move into
leaving the field of active scientific
sciences to maintain research
o be performed at the institutional

o make this decision that the
n me with the offer to join their
hen I reviewed the options with Dr.
istration. My special promotion to
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Dr. Farley to Dr. Harry C. Kelly at

im to serve as Dean of Academic
this position, he will be able to do
will primarily be responsible for the
dies and for the employment of

ame a major decision for Anne
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and excited at the prospect of a
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varied considerably and during
Among the added responsibilities
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or to Associate Program Director

anged from reporting to staff
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al staff were tasked to provide
they served.

osition was oversight of the
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ng funded by NSF. This was the
e national effort to improve
NSF.

n purely research funding to
urriculum developments in
SF recruited top faculty from the

finest universities and formed writing teams to develop new curricula and support materials for teachers in these subject areas.

There were three versions of proposed texts in biology; BSCS - Biological Sciences Curriculum Study, (blue, green and yellow versions), each with a different focus; PSSC physics; CBA chemistry; and SMSG math. NSF was tasked to teach teachers how to use these materials for maximum benefit. That mandate led to the creation of the Institutes section of the foundation where I was assigned.

I visited programs at many universities in many states including California, Oklahoma, Louisiana, Florida, Massachusetts, and Pennsylvania to evaluate the effectiveness of their programs. There were also a few experimental programs that involved one year participation; the Academic Year Institutes which provided teachers more in depth exposure to the new subject areas.

Most travel was in propeller aircraft but some of my trips out of Washington were on the French Caravelle jet when jets were just beginning to enter commercial service. They were soon replaced by the rapid conversion of the war time American aircraft industry with Douglas, Boeing, Lockheed, North American, McDonnell and others moving into jet aircraft production. What an exciting experience flying in a jet aircraft was for a WW II Army Air Corps sergeant!

My collection of beer mugs began with the intention of having a record of each institution I visited but as most visitors to our home will testify, that collection grew out of hand with gifts over the years from presidential colleagues and added mementoes from family vacation travel sites. When funds ran low I settled for miniatures for my girls.

These campus visits and observations led to the later successful application to conduct Summer Institutes for Science Teachers at Wilkes and 1965 marked the first year of a series of very successful summer institutes for teachers held in our college science facilities. The first institute received applications from 985 teachers from all over the U.S. for the 60 available spaces in the program. These participants were resident on campus for the six week long Institute.

During our time in Washington Anne Marie and I had the good fortune to attend the retirement ceremony for Dr. and Mrs. Alan T. Waterman on May 17, 1963 in the then "New" State Department building near the White House.

While at NSF I returned to give the Baccalaureate Address to the Wilkes Class of '63 on June 9, which was a signal honor for a young faculty member. A copy of those remarks was later published and is part of this file.

—WILKES COLLEGE—

Beacon

WILKES COLLEGE, WILKES-BARRE, PENNSYLVANIA

THE BEACON
 Serving the College
 since 1944

THURSDAY, SEPTEMBER 13, 1956

\$8,000 FOR RESEARCH GIVEN W. C.

A research team headed by Dr. Francis J. Michelini of the college biology department has already commenced preliminary investigations on a basic research project on growth that may possibly provide a clue to the cause of cancer in human beings. The 2-year project will operate on an \$8,000 grant.

The grant, awarded to Dr. Michelini by the National Research Foundation, will go toward the construction of research greenhouses to be added to the now-building Harold R. Stark Science Hall.

Other monies from the funds, are earmarked for salaries of student assistants on the project and for summer salaries of Dr. Michelini, chief investigator for the two-year project.

The study Dr. Michelini and his assistants are undertaking will involve the growth process of plants, with special attention being given to the process of differentiation, a process by which the simple single-celled seed that first forms the plant becomes the varied and unlike forms of cells in the complicated forms of the plant.

The significance of the study lies in the similarity of human cancer



Dr. Francis J. Michelini

cells and undifferentiated plant cells which have failed to develop normally. Discovery of what causes

differentiation may provide a clue to whatever may trigger cancer by causing a possible lack which may prevent the cancerous cells from differentiating.

Co-operating with the Wilkes group will be an English scientist studying in a Canadian university. Pointing up the international character of such scientific research will be the work of Dr. Victor Runeckles, formerly of the University of London, now at Queen's University, Kingston, Ontario.

Dr. Runeckles, now working in post-doctoral studies under a grant from the Canadian Science Foundation, as distinguished from the one given Dr. Michelini by the U. S. group, will co-operate with the local science group by making bio-chemical analyses of the plants grown and observed by Dr. Michelini and his assistants.

WILKES COLLEGE
Serving the Valley
for 22 Years



— WILKES COLLEGE —

Beacon



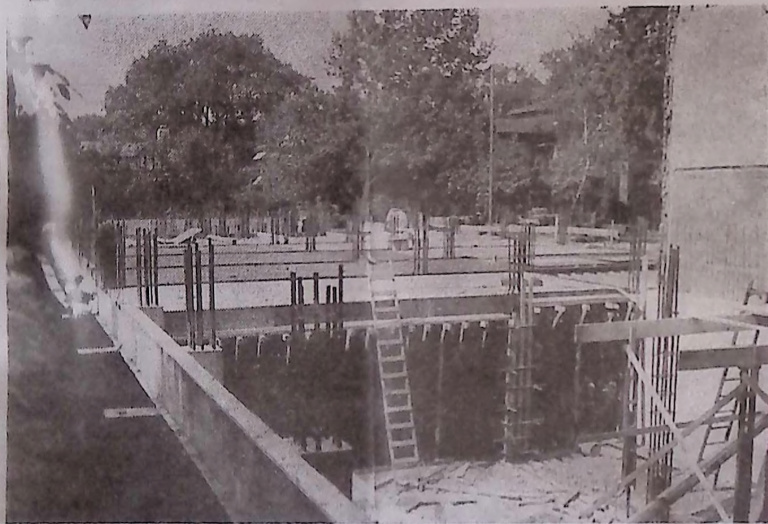
THE BEACON
Serving the College
since 1944

Vol. 1, No. 1

WILKES COLLEGE, WILKES-BARRE, PENNSYLVANIA

THURSDAY, SEPTEMBER 13, 1956

Science Hall and New Building Spark '56 Expansion Program



South Franklin St. Home Purchased As Work Proceeds on Stark Building; New Lots Aid Parking Problem

Progress on the Admiral Harold R. Stark Science Hall (which is shown at left) has been moving at a steady pace throughout the summer.

The ground-breaking ceremony for the building was held on June 4, Graduation Day, with Admiral Stark turning the first spadeful. The building was made possible by an anonymous donation of \$900,000, with the stipulation that the structure be named in honor of the Admiral.

\$8,000 FOR RESEARCH GIVEN W.C.

A research team headed by Dr. Francis J. Michelini of the college biology department has already

The demolition of Ashley and Butler Annexes, the Art Department rooms and the stairway to the second floor of the Lecture Hall were completed shortly after the start of summer classes. Excavation and construction work have been continuing at a busy pace.

When completed, the college will have some of the finest scientific laboratory and classroom facilities

STAPLES

STAPHYLOCOCCUS A
ANTIGENS IN
HYPERSENSITIVITY RE
AND EXPERIMENTAL AI
SENSITIZATION
SHELDON G. COHEN, M.
DANIEL S. DZUREY, MS
and
FRANCIS J. MICHELINI, P
Wilkes-Barre, Pa.
With the Technical Assistance
VINCENT A. J. DRAPLEW
From the Department of Biology,
College
Reprinted from
THE JOURNAL OF ALLERGY
St. Louis
Vol. 28, No. 6, Pages 531-539, November
(Printed in the U. S. A.)

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From the Department
Wilkes Col
Reprinted f
THE JOURNAL O
St. Louis
Vol. 29, No. 5, Pages 446-4
(Printed in the U

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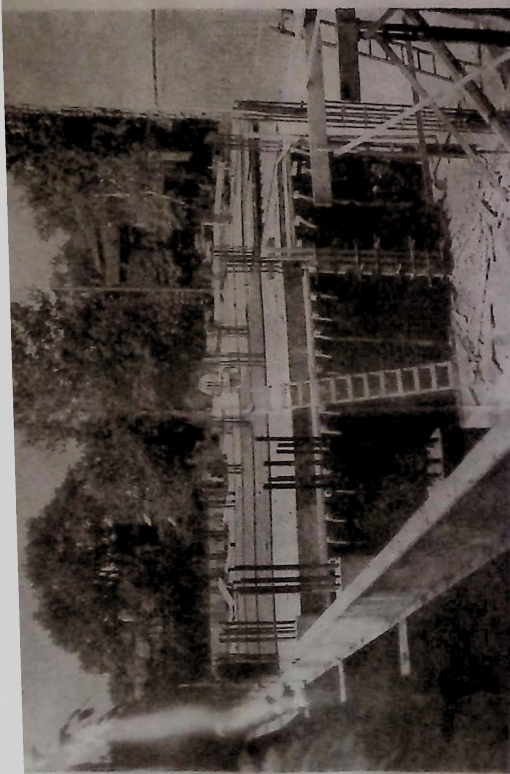
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When completed, the college will have some of the finest scientific laboratory and classroom facilities

\$8,000 FOR RESEARCH GIVEN W.C.

A research team headed by Dr. Francis J. Michelini of the college biology department has already



STAPLES

IMMUNE RESPONSES TO RAGWEED POLLEN ANTIGENS

SHELDON G. COHEN, M.D.
and
FRANCIS J. MICHELINI, Ph.D.
Wilkes-Barre, Pa.
With the Technical Assistance of
LESLIE P. WIENER
and
JEROME STEIN
From the Department of Biology,
Wilkes College

Reprinted from
THE JOURNAL OF ALLERGY
St. Louis

Vol. 29, No. 5, Pages 446-458, September, 1958
(Printed in the U. S. A.)

*from the files
of "Dr. Mike"
F.J. Michelini*

STAPHYLOCOCCUS AUREUS ANTIGENS IN HYPERSENSITIVITY REACTIONS AND EXPERIMENTAL ARTERIAL SENSITIZATION

SHELDON G. COHEN, M.D.
DANIEL S. DZURY, M.S.
and
FRANCIS J. MICHELINI, Ph.D.
Wilkes-Barre, Pa.
With the Technical Assistance of
VINCENT A. J. DRAPIEWSKI
From the Department of Biology, Wilkes
College

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St. Louis

Vol. 28, No. 6, Pages 531-539, November, 1957
(Printed in the U. S. A.)

*from the files of
"Dr. Mike"
F.J. Michelini*

NATIONAL SCIENCE FOUNDATION
WASHINGTON 25, D.C.

NOV 1 1961

Dr. F. J. Michelini
Department of Biology
Wilkes College
Wilkes-Barre, Pennsylvania

Dear Dr. Michelini:

It was pleasant for members of the SPE Division to have had the opportunity of talking with you during your visit to the Foundation on May 1, 1961.

In response to the interest which you exhibited in our programs, and the corresponding interest which our staff has in you, I would like to start the necessary paper work.

The position we would like you to fill is that of Assistant Program Director in the College and Elementary Program of the Institutes Section at a salary of \$10,635 per annum starting on or about September 10, 1962.

I look forward with interest to your reply.

Sincerely yours,

Bowen C. Dees

Bowen C. Dees
Assistant Director for
Scientific Personnel and Education

Dr. Harry C. Kelly
Office of the Director
National Science Foundation
Washington 25, D.C.

Dear Dr. Kelly:

Dr. Michelini has expressed an interest in the opportunity that you have offered him.

I agree with the recommendation of the Academic Affairs Committee for him to fill this position, he has some research, and the development of the employment of him in the College and Elementary Program of the Institutes Section.

As it is the policy of the Foundation to have its staff within the association with you, I am delighted to have him.

I am delighted to have him.

ESF:apc
cc: Dr. F. J. Michelini

NATIONAL SCIENCE FOUNDATION

WASHINGTON 25, D.C.

NOV 1 1961

members of the SPE Division to have had the
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nd Elementary Program of the Institutes Section
r annum starting on or about September 10, 1962.

interest to your reply.

Sincerely yours,

Bowen C. Dees

Bowen C. Dees
Assistant Director for
Scientific Personnel and Education

December 8, 1961

Dr. Harry C. Kelly
Office of the Director
National Science Foundation
Washington 25, D. C.

Dear Dr. Kelly:

Dr. Michelini has discussed with me the
opportunity that you have offered to him for next year.

I agree with you that it will be most advan-
tageous for him to gain this experience. This is
particularly true as I want him to serve as Dean of
Academic Affairs upon his return to the College. In
this position, he will be able to do some teaching and
some research, but will primarily be responsible for
the development of our own program of studies and for
the employment of staff members.

As it is likely we will be expanding our sci-
ence staff within the next two or three years, his
association with you should be most valuable to us.

I am delighted that you have offered him this
opportunity.

Sincerely yours,

E. S. Taylor
President

ESF:npc

cc: Dr. F. J. Michelini ✓

INSTRUCTION COMMITTEE
AGENDA

11 AM Wednesday, January 31, 1962

I. Special Promotions

1. Francis Michelini
Associate Professor of Biology to Professor of Biology
Increase salary \$50 per month as of February 1, 1962.
2. Robert Riley
Assistant Professor of Psychology to Professor of Psychology
Increase salary \$50 per month as of February 1, 1962

II. Appointments

Francis Michelini as Dean of Academic Affairs as of February 1, 1962.
Dr. Michelini will divide his time between teaching, research and administration.

III. Faculty Salaries

Authorization to increase faculty salaries for 1962-63 as follows:

Professors	-	\$200 - 500
Assoc. Prof.	-	200 - 400
Assist. Prof.	-	200 - 300
Instructors	-	100 - 300

This authorization is needed in preparation of the budget and in the negotiation of new contracts. The total increase, with additional personnel, will be between \$40,000 and \$45,000.

IV. Comparative Salaries in Pennsylvania Colleges

The average salaries paid in 69 colleges by professional rank -				
	Professors	Associates	Assistants	Instructors
Maximum	\$13,786	\$10,423	\$8,308	\$6,732
Quartile 3 <i>15% below</i>	8,930	7,412	6,447	5,400
Median <i>50%</i>	8,127	6,900	6,000	5,160
Quartile 1 <i>25%</i>	7,240	6,321	5,646	4,900
Minimum	6,100	5,600	4,992	4,032
Wilkes Average	\$7,236	\$5,810	\$5,736	\$4,611
% of Colleges exceeding the Wilkes Avg.	76%	90%	70%	80%

WILKES COLLEGE BIOLOGY CLUB - Spring 1956

I began my professional life teaching at Wilkes in September, 1955.

My undergraduate degree from Seton Hall College, 1950, was in Biology from the University of Delaware, 1950, was in Biology from Pennsylvania in 1955.

I was offered a position as an Assistant Professor of Biology in 1955. I was interviewed and recommended to President Eugene F. ... the biology department faculty, replacing Ms. Rosemary ...

My teaching assignments were courses in Comparative Anatomy, Histology and Genetics to junior year students. (Bob Coons and David Lucchino were the two students in the class.) In addition to teaching these courses in the Biology department, I was her laboratory assistant in the Introductory Chemistry course.

The enrollment at Wilkes College at that time ranged from 100 to 150 students. In the history to the depression years of the 1930's. Community College of Philadelphia University Board had implemented the creation of a branch campus chartered as Bucknell University Junior College, BUJC. The college provided secondary education for young men and women from the area. After WW II, BUJC had provided courses focused on the need for higher education.

The post-war GI Bill provided the opportunity for many re-entry students into education for the first time and in 1947 the pressure of re-entry led Bucknell to advise the young institution to assume a new role. The new institution focused on the young people of the Wyoming Valley. A nucleus of faculty and assisted the local community in preparing to meet charter and accreditation requirements as a new institution.

The accompanying photo taken in the spring of 1956 includes many of the senior students who were members of the Biology Club.

It was Dr. Charles Reif's, (the department chairman), policy to be involved in general biology. He wanted to know every student who was in the program and followed their progress through the program. When Dr. Reif wrote a letter of recommendation to a medical school, he reviewed the letter with the student and provided advice on the application. Professional schools grew to respect his judgments and the high rate of successful admissions of graduates to post graduate schools in the country.

I was privileged to work with a true scholar, teacher, and gentleman, Francis J. "Dr. Mike" Michelini.

COMMITTEE
A
January 31, 1962

Professor of Biology
as of February 1, 1962.

to Professor of Psychology
as of February 1, 1962

ic Affairs as of February 1, 1962.
between teaching, research and

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\$ 200 - 500
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	\$8,308	\$6,732
	6,447	5,400
	6,000	5,160
	5,646	4,900
	4,992	4,032

\$5,736 \$4,611

70% 80%

WILKES COLLEGE BIOLOGY CLUB - Spring 1956

I began my professional life teaching at Wilkes in September of 1955.

My undergraduate degree from Seton Hall College, 1948, was in Chemistry; my Masters degree from the University of Delaware, 1950, was in Biology; as was my Doctorate from the University of Pennsylvania in 1955.

I was offered a position as an Assistant Professor of Biology by Dr. Charles B. Reif after being interviewed and recommended to President Eugene Farley. I became the third full time member of the biology department faculty, replacing Ms. Rosemarie Gallia who was leaving to have a family.

My teaching assignments were courses in Comparative Anatomy and Embryology to sophomore students; Histology and Genetics to junior year students and General Physiology to the seniors. (Bob Coons and David Lucchino were the two students in that first senior class of '56.) In addition to teaching these courses in the Biology department I assisted Ms. Catherine Bone as her laboratory assistant in the Introductory Chemistry course.

The enrollment at Wilkes College at that time ranged from 500 to 600 students. Wilkes traced its history to the depression years of the 1930's. Community leaders with ties to the Bucknell University Board had implemented the creation of a branch campus in Wilkes-Barre, PA. This was chartered as Bucknell University Junior College, BUJC, to provide the opportunity for entry to post-secondary education for young men and women from the Wyoming Valley community. During WW II, BUJC had provided courses focused on the needs of the military specialties then in great demand.

The post-war GI Bill provided the opportunity for many returning veterans to participate in higher education for the first time and in 1947 the pressure of rapid enrollment increases prompted Bucknell to advise the young institution to assume a new identity as an independent four year institution focused on the young people of the Wyoming Valley community. They provided a nucleus of faculty and assisted the local community in providing the financial endowments required to meet charter and accreditation requirements as a new four year institution, Wilkes College.

The accompanying photo taken in the spring of 1956 includes freshman, sophomore, junior, and senior students who were members of the Biology Club.

It was Dr. Charles Reif's, (the department chairman), policy to always teach the freshman courses in general biology. He wanted to know every student who entered the Wilkes biology program from the start of the program and followed their progress throughout their years of study at Wilkes. When Dr. Reif wrote a letter of recommendation to a medical, dental, or graduate school, he often reviewed the letter with the student and provided advice and counsel as necessary. Professional schools grew to respect his judgments and recommendations and contributed to the high rate of successful admissions of graduates to post graduate programs at many of the finest universities in the country.

I was privileged to work with a true scholar, teacher, and gentleman of the highest order.
Francis J. "Dr. Mike" Micheline March 2014

WILKES COLLEGE 1956 - BIOLOGY CLUB PHOTO IDENTIFICATIONS

Top Row - left to right

Weaver, O'Dwyer, Gallia, Olshefski, Valenti, Schrader, Boock, Williams, Mistichelli

Second row from top

Coon, Plesko, Drasher, Christopher, Wilson, Levenoski, Petro, Mioduskie

Third row from top

Kurlancheck, Demchalk, Tansy, Chaychis, Dran, Schade, Pembridge, Saba

Fourth row from top

Kessman, Palchanis, Drapiewski, Dreisbach, Zaleski, Petroski, Machievicz, DeLong, Argonish

First row

Miller, Meyer, Weiner, Williams (secretary), Lucchino (president), Mines, (vice president), Stein, (treasurer), Dr. Francis J. Michelini, Club Advisor



During the 1962 - 1963 year my position as Professor of Biology Science Foundation in Washington

This request was prompted students into an NSF funded program opportunities for students to experience. Dr. Sheldon Cohen, a local practicing research in his professional field and had approved a position as an Adjunct having a practicing physician specializing impressed on students the importance of a medical career.

In my applications for research had included funding for participation work. The students involved in our projects in their fields of expertise. The Colleges Science Conferences where their research efforts. The Wilkes recognition of the quality of the research the National Science Foundation rare

In spring of 1962 an invitation Foundation was offered to me. It was accepted. Anne Marie and our three young headed off to Washington for an excursion with our three young girls but she was

Dr. Alan Waterman was the final Science Foundation and I had the final year of service as Director. Ann participate in the reception honoring The reception was held in the then "I wonderful experience for us both.

I was invited to present the Biology June 9, 1963 and we returned to Wilkes began my new duties as Academic Director included in this collection.

IDENTIFICATIONS

er, Boock, Williams, Mistichelli

ski, Petro, Mioduskie

hade, Pembridge, Saba

ti, Petroski, Machievicz, DeLong, Argonish

o (president), Mines, (vice president), Stein,



During the 1962 – 1963 year I was asked to request a leave of absence from my position as Professor of Biology at Wilkes College to spend a year at the National Science Foundation in Washington, D. C.

This request was prompted by the success of Wilkes College in incorporating students into an NSF funded program at Wilkes designed to provide the opportunities for students to experience the excitement of scientific research. Dr. Sheldon Cohen, a local practicing allergist had an abiding interest in active research in his professional field and Wilkes biology chairman Dr. Charles B. Reif had approved a position as an Adjunct Professor for Dr. Cohen. The impact of having a practicing physician specialist involved in active research interests impressed on students the importance of maintaining competence in any future medical career.

In my applications for research support by the National Science Foundation I had included funding for participation by students in various aspects of research work. The students involved in our research initiatives were supervised by Dr. Michelini, Dr. Reif, and Dr. Cohen with other faculty members participating on projects in their fields of expertise. These students presented papers at the Eastern Colleges Science Conferences where many university students presented results of their research efforts. The Wilkes students always ranked at or near the top in recognition of the quality of the research performed and the reputation of Wilkes at the National Science Foundation ranked very high.

In spring of 1962 an invitation to spend a year at the National Science Foundation was offered to me. It was quite an honor and Dr. Farley urged me to accept. Anne Marie and our three young children ages 6, 4, and 2, packed up and headed off to Washington for an exciting year of activity. I don't know how she did it with our three young girls but she was truly a "service" wife.

Dr. Alan Waterman was the first Director appointed to head the National Science Foundation and I had the good fortune to spend my time there during his final year of service as Director. Anne Marie and I were among those invited to participate in the reception honoring Dr. and Mrs. Waterman upon his retirement. The reception was held in the then "New State Department" building and it was a wonderful experience for us both.

I was invited to present the Baccalureate address for the graduating class on June 9, 1963 and we returned to Wilkes at the end of the summer of 1963 and began my new duties as Academic Dean of the College. A copy of that address is included in this collection.

WILKES-BARRE RECORD, FRIDAY, AUGUST 17, 1962

Wilkes Professor to Join Staff Of National Science Foundation

Dr. Eugene S. Farley, president, Wilkes College has announced Dr. Francis J. Michelini, dean of academic affairs and biology professor, will begin a one-year leave of absence next week to join the staff of National Science Foundation, Washington, D. C., as assistant program director, returning to Wilkes in September, 1963.

In his new capacity in the nation's capitol, Dr. Michelini will travel extensively, supervising programs inaugurated in more than 500 colleges and universities throughout the country by the foundation's elementary and college division of the institutes section. These institutes are conducted in various American colleges and universities during the summer and in many instances throughout the academic year.

Dr. Michelini, accompanied by Mrs. Michelini and their three daughters, will leave for Washington Wednesday, August 22, and will assume his new duties August 27. They will reside at 5025 57th Avenue, Bladensburg, Maryland.

A group of their Wilkes College friends entertained them informally at The Host.

SANDWICH SPREAD

Mix butter or margarine and minced chives; use as a spread for the bread when you are making sandwiches of hard-cooked eggs, ham, sardines, salmon or tuna fish.

PICNIC MEAT LOAF

On your next family picnic take along a hearty meat loaf for the meat dish. You could serve it cold and sliced for tucking between two pieces of bread. Or "tote" it hot in an insulated bag.



(Photo by Ace Hoffman Studios)

Joining the staff of National Science Foundation, Washington, D. C., Dr. Francis J. Michelini, Wilkes College dean of academic affairs and professor of biology, will leave for the nation's capitol next week. He will be accompanied by Mrs. Michelini and their three daughters and will remain in Washington for one year, returning to Wilkes in September, 1963, to resume his duties there. The couple is photographed above in The Host, where they were entertained Wednesday evening by an informal group of college friends.

RECEPTION IN HONOR OF
DR. and MRS. ALAN T. WATERMAN

DEPARTMENT
OF STATE
4 PM TO 6 PM



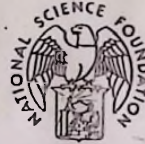
DIPLOMATIC
FUNCTION
AREA

FRIDAY, MAY 17, 1953

\$2.00

RECEPTION IN HONOR OF
DR. and MRS. ALAN T. WATERMAN

DEPARTMENT
OF STATE
4 PM TO 6 PM



DIPLOMATIC
FUNCTION
AREA

FRIDAY, MAY 17, 1953

\$2.00

develop in all of our human activities. It might seem appropriate for me to select science for our last alphabet letter, but I prefer *Spiritual*.

We have gone from improving our national lot as wilderness settlers, to territorial expansion and acquisition of additional natural resources, to improvement by production and development of a complex, but comparatively wealthy society.

Our next great challenge is the development of the individual, not as a regimented automaton, but as an individual with many capabilities. This is an era of attainment characterized by development of our brain-power. Real progress is that which will give the greatest number of people beneficial control over their future. In our efforts to continue our progress we must utilize

The Alphabet of Wilkes

STAPLES

develop in all of our human activities. It might seem appropriate for me to select *science* for our last alphabet letter, but I prefer *Spiritual*.

We have gone from improving our national lot as wilderness settlers, to territorial expansion and acquisition of additional natural resources, to improvement by production and development of a complex, but comparatively wealthy society.

Our next great challenge is the development of the individual, not as a regimented automaton, but as an individual with many capabilities. This is an era of attainment characterized by development of our brain-power. Real progress is that which will give the greatest number of people beneficial control over their future. In our efforts to continue our progress we must utilize this resource of the human mind as effectively as possible. This is the great challenge to the educator and it must be met. Through all this educational effort though, we must remember that facts, inventiveness and possession of knowledge are good, but unprincipled and unguided use of the "power of knowledge", could be ruthless.

There must be guidelines for us to follow. Guidelines based on intangible principles have gone a long way toward making this country what it is today. Such words as "ideals, standards, religion, pride and patriotism", recur in any expression of those principles. These are all *Spiritual* words. Are they old-fashioned, outmoded for these modern times? Aren't people "square" who talk about spiritual beliefs? Isn't this rather a time to live it up, look for kicks, grab a buck, live for the day?

There's only one way I know of to answer these questions. It is by looking back to chart the rise and fall of other civilizations. And when you do that you find that spiritual ideals — far from being impractical — are the very "stuff" of survival. Every great society which came into being and long endured, did so on the basis of convictions and beliefs so strong that they lifted individuals clear out of themselves and caused them to live — and die — for some aim or purpose nobler and better than themselves.

Look back and you will see that the whole fabric of this Nation's growth, of its success and its glory, was woven of spiritual belief in liberty and in justice. Look forward and you will see no substitute for these spiritual values if we hope to see our civilization survive and prosper.

The Alphabet of Wilkes

*The Baccalaureate
to the Class of 1963
of Wilkes College*

Dr. Francis J. Micheline

June 9, 1963

develop in all of our human activities. It might seem appropriate for me to select science for our last alphabet letter, but I prefer *Spiritual*.

We have gone from improving our national lot as wilderness settlers, to territorial expansion and acquisition of additional natural resources, to improvement by production and development of a complex, but comparatively wealthy society.

Our next great challenge is the development of the individual, not as a regimented automaton, but as an individual with many capabilities. This is an era of attainment characterized by development of our brain-power. Real progress is that which will give the greatest number of people beneficial control over their future. In our efforts to continue our progress we must utilize this resource of the human mind as effectively as possible. This is the great challenge to the educator and it must be met. Through all this educational effort though, we must remember that facts, inventiveness and possession of knowledge are good, but unprincipled and unguided use of the "power of knowledge", could be ruthless.

There must be guidelines for us to follow. Guidelines based on intangible principles have gone a long way toward making this country what it is today. Such words as "ideals, standards, religion, pride and patriotism", recur in any expression of those principles. These are all *Spiritual* words. Are they old-fashioned, outmoded for these modern times? Aren't people "square" who talk about spiritual beliefs? Isn't this rather a time to live it up, look for kicks, grab a buck, live for the day?

There's only one way I know of to answer these questions. It is by looking back to chart the rise and fall of other civilizations. And when you do that you find that spiritual ideals — far from being impractical — are the very "stuff" of survival. Every great society which came into being and long endured, did so on the basis of convictions and beliefs so strong that they lifted individuals clear out of themselves and caused them to live — and die — for some aim or purpose nobler and better than themselves.

Look back and you will see that the whole fabric of this Nation's growth, of its success and its glory, was woven of spiritual belief in liberty and in justice. Look forward and you will see no substitute for these spiritual values if we hope to see our civilization survive and prosper.



The Alphabet of Wilkes

*The Baccalaureate
to the Class of 1963
of Wilkes College*

Dr. Francis J. Michelini

June 9, 1963

too rare in our society. It is a loyalty that ignored material advancement for the more meaningful fulfillment of an ideal — a commitment to the education of youth. The ideals you will probably live by have been forged to a large extent by your family and your education. In that sense Wilkes will forever be a part of you and your life that you cannot erase. I hope that the ideals developed here will bring you pride in your own performance through life and that the examples provided by the members of our faculty and administration, and especially Dr. Farley, will influence your loyalties. A conscious dedication to this element in life will bring rewards of a significance that will never need measurement. Examine your loyalties in this perspective and make them instruments for determining what your achievements in life should be.

For K I have chosen the obvious: Knowledge.

You have all been participating in a 16 year process of education and many of you will be continuing even further. Ours is one of the few civilizations in history in which such a learning experience is considered an appropriate human right. As a biologist it has always intrigued me what conflicts can develop as a result of our increased understanding of ourselves and the natural world. People react to this new knowledge in a variety of ways. One very characteristic response is, "Don't bother me with the facts, my mind is made up."

We all know, of course, of the so-called "explosion" of knowledge that is occurring in our time. This use of the word explosion is unfortunate — for this intimates subsidence after the initial burst. This is not the case. Our knowledge will continue to expand at an increasing rate in all areas of human activity. My association with the National Science Foundation has made me increasingly aware of this activity in the sciences, but there is now developing considerable activity in the area of the humanities. Recently a Commission of the Humanities was formed that will, I feel sure, stimulate a surge of new activity in knowledge and understanding in this area.

What do we do when this new knowledge shakes some of our firmly entrenched beliefs? How do we respond to new information giving greater insight into the nature of man? Do we pass laws against the dissemination of these new ideas if they affront us? Do we censor our libraries to "protect the young impressionable minds of our youth?"

Maybe my biologist's background is intruding too much here, but it has served to make me aware of one thing; man is irrevocably a member of the animal kingdom. If we are to consider him "Godlike" it cannot be in the physical sense. It is indeed

most logical that the ability of man to think, to learn, to understand his intellect and free will, are the characteristics that set him apart and distinguish him from the rest of the animal kingdom, that truly make him a creature of God. An appreciation of this opens the door to a new insight to knowledge and our attitudes toward it. If this intellectual capability is vested in us by God — a refusal to use this capacity by closing our minds to the fruits of its use becomes a very serious moral issue. It's like a person saying "Thanks God for making me different from the beasts of the forest, for making me capable of a truer understanding of your greatness, but who needs it? I'm happy, I don't want to use this ability, and even more, I don't want to permit anyone else to use it. Burn that book — Ban that idea."

Is this really a morally sound response? I think all of us must recognize the moral obligation to utilize these God-given powers of understanding — to strive constantly to know truth — in all areas of human activity. Truth can only result from increased knowledge and can never be complete. Our greatest sin as children of God would be to ignore this responsibility to use our minds to our maximum ability.

I felt that *Equality* is the only word which is appropriate for E in this period of our nation's history. I may be influenced in this respect by the proximity of the problem while in Washington. Unquestionably, this is a potentially explosive issue politically, but more significantly it is basically a moral issue. This will not be resolved by laws, force, token response, but only by the individual who will examine the basic issues posed by a society that offers equality in its documents and words, but does not grant it in practice. I think it is incumbent upon each of you to examine the meaning of equality — determine your values and act consistent with them. Certainly the outcome of the battle for equality now being waged in America will affect the nature of the international environment in which our children and their children will live. We must find a solution to these problems.

As President Kennedy so bluntly stated it — "In these moments of tragic disorder, a special burden rests on the educated men and women of our country — to reject the temptations of prejudice and violence, and to reaffirm the values of freedom and law on which our society depends."

This area of human rights and human dignity is one in which you bear a major responsibility. I only hope to leave you with a recognition of the role you must play in the solution of these problems.

As a baccalaureate address I have tried to develop our alphabet of WILKES with an emphasis on the spiritual perspective we must

I seemed one of the easiest letters in the Wilkes alphabet to develop. Intelligence, Ignorance — certainly we could gain much from a brief concern about what constitutes intelligence — the sorry fact that an intelligent person, when swayed by emotion — with a mind closed by bigotry or a false image — can be more abysmally ignorant than the moron — but this didn't seem quite what I felt I wanted to say. The selection of a theme for *I* came from a Wilkes graduate of 1957 and is expressed by the word *Individual*.

On Memorial Day — when all pay homage to the men and women who gave their lives to preserve our country — we drove out to Arlington National Cemetery. Neil Dadurka is buried there, and we went to visit his grave. It takes a very unusual person not to respond to the deeply peaceful spirituality of those grounds. I thought a great deal about Neil and it seemed especially appropriate that the message he gave through his death should be a part of this ceremony. Neil was not an unusual Wilkes student, true, he was a fine wrestler, with a singleness of purpose when wrestling that enabled him consistently to overcome a superior opponent. He was an outstanding individual performer, yet, in football, he was a real team player who blended his individual efforts with those of others. He was typical too in that he had an occasional academic problem. He graduated from Wilkes and became a Marine jet pilot. Again in his jet training he overcame personal shortcomings by fighting harder and working harder. Finally this chapter of his life ended with a flame-out over the Los Angeles suburbs. Here was a split-second decision to be made — whether to safely eject, but run the risk of his plane crashing into a populated area, or to stay with it and guide it to a rural area at the cost of this opportunity to survive. He stayed with it — coaxed it out beyond the suburbs — crashlanded and died from his crash injuries. What do I feel he stands for? Neil Dadurka was an individual — he had the problems every individual human being has, and he solved them as we all must; by an effort of his own resources and with work. The *I* in Wilkes for individual — what each of us is and must be in every daily effort; an individual in our judgment; individuals in our opinions; individuals in every sense that a democratic society such as ours is dedicated to serving — where the individuals right to speak freely, to read freely, and to arrive at independent judgment must be preserved. Yet at the moment of decision the deciding factor for Neil was not rooted in his freedom as an individual. It was instead the highest order of human achievement; the fundamental recognition of a responsibility above that of self — a concern for others. When the chips are down it is this characteristic of the individual that carries the greatest meaning for us. Certainly

a great deal of your life and its decisions will be based on individual concerns and needs. In addition to this, however, must be the awareness of the even higher concern we as individuals must have for others. Certainly this concern for others is fundamental in our Judeo-Christian traditions. Among Pope John's favorite readings was this, "My son, in proportion as you go out of yourself, so will you be able to enter into me." Wilkes College would not be here were it not for the individuals in our community who go beyond concern of self to give and work for others. Participation in community affairs, United Fund drives—yes—even in alumni activities, is a less spectacular but no less meaningful affirmation of this higher order of human activity by the individual. Your class gift and your commitment to add to it in coming years is a gratifying indication of your awareness of this concern.

Neil Dadurka demonstrated the extremes of these responsibilities that we all have, the responsibility to do full justice to our individual capabilities, yet ever aware of a higher order of concern for others. You cannot be less heroic if you are to fulfill yourselves as contributing members of a free society.

For *L* I selected *Loyalty*. I think we are all aware that we are loyal to something — loyal to our country — loyal to friends — loyal to our school, etc. But as you arrive at this point in your careers it might be well to re-examine your loyalties and what they mean to you.

Certainly we relate loyalty to patriotism, a willingness to fight and die for our country. Are we equally ready to relate loyalty and patriotism to a willingness to actively engage in exercising our responsibilities as citizens? Does this loyalty extend to filling out an honest tax return — to exercising our voting franchise?

We are loyal to the ideal of family responsibility and are willing to sacrifice for our children so that they may get an education; but, are we willing to be active in the community activity necessary to keep others aware of the necessity for new schools, better teachers, good textbooks? How deeply do your loyalties extend?

These may seem like digressions from my theme but in gaining a new perspective on some of the elements of increasing importance in your lives, your loyalties are of major significance. Each of us must develop through life certain loyalties. These may be to an ideal, a specific objective, or both but they are essential to our lives and we must be aware of fulfilling them.

Conspicuous by his absence here tonight is one whose loyalty to an ideal has contributed so much to your presence here. Dr. Farley's loyalty to an ideal resulted in a dedication that is only

It is indeed a pleasure to return to Wilkes as a participant in these exercises that mark the culmination of your years of undergraduate education. It is especially appropriate that this segment of your commencement activities should be attended primarily by the parents of our graduates. Tomorrow evening's ceremonies will be more formal, and attended by a larger number of friends and relatives, but tonight is devoted to sharing more intimately this happy occasion with your families. This is most appropriate, for each of you is aware of the love and sacrifice every parent has made to bring you to this point in your life. This is true of me as well as you, and I would like to publicly acknowledge this debt by presenting to you one to whom I owe so much for the love, guidance and encouragement throughout my life — my mother.

A professor invited to give the baccalaureate address at Yale started by saying he realized they had worked hard for four years to get to this point and that he didn't want to bore them with a long speech. Instead, he would simply take YALE and briefly examine each letter. He then took "Y" and developed the theme of *Youth* for 45 minutes; "A" and discussed *Allegiance* for another 45 minutes; then on to "L" for *Law* for another 45 minutes. As he was proceeding into "E" he noticed a student kneeling in the aisle with his hands clasped. The speaker looked, hesitated in his speech, then said, "Son, is anything the matter?"

Boy said, "No, not really, I'm just thanking God I'm not graduating from the Massachusetts Institute of Technology."

This sufficiently impressed me, as jokes usually do, that I thought about a similar approach; expansion on WILKES — not, I hasten to add, at 45 minutes per letter.

No great problem was presented in finding a word that would convey a significant meaning for *W*. One of the first proofs for the existence of God, as I recall it from one of my courses in Theology many years ago, is the "Nature and Order that exists in the Universe." To a biologist the current understanding of this proof is a wondrous thing. I chose the word *Wonder*, because I think one of the most misunderstood relationships in the world today is the relationship between science and religion. I say misunderstood because today science has produced a deeper insight into this first proof of God than any other sphere of human activity.

Man can be quite an egomaniac when it comes to God — seems strange doesn't it — but in a society where almost everyone tacitly acknowledges that he cannot understand a computer; that he really doesn't know why his car goes (except that if it doesn't when he turns the key, he calls the AAA); that he cannot understand, and doesn't claim to, the elements in a mob that produce riots and hysteria — yet despite all the things he does *not* know

he *DOES* presume to know all about God! In science, one does *not* presume that he knows the answers or completely understands the workings of nature. One of the reasons Western civilization has progressed so fantastically is because we make the assumption that one *can* understand if one makes the attempt and phrases a question of nature that will produce a meaningful answer. In many instances the apparent atheist who said about the thunderstorm and lightning, about sickness and disease, "I do not believe this was caused by God or Gods but has some understandable physical reason or cause" — was expressing a belief of an order in the universe that bespoke a greater, more *meaningful* God, than the ones being ruled out in order to initiate the inquiry. The current understanding of the various biological and physical phenomena that enable us to discuss such things as:

1. controlled atomic fission and fusion to produce power
2. precise orbital position of a Venus probe
3. utilization of a laser beam to surgically reattach the retina of the eye
4. construction of the genetic material from artificially synthesized molecular parts
5. potential understanding of cell and organ development that will make disease a rarity,

and consider them susceptible to our understanding is truly a fantastic affirmation of this first proof of God — the belief in the existence of order in the universe. Without the tacit assumption that such order exists, the scientist would have no cause to expect a logical answer to his questions, no reason to expect that he can extend his results reasonably to predict a new situation and problem. In one of his recent addresses, Dr. Waterman, Director of the National Science Foundation, said, "Perhaps one hopeful aspect of our times is that some part, at least, of the energy and ingenuity that for centuries have been dissipated in wars is being channeled into the conquest of space and other major scientific undertakings. Perhaps we have come full circle; for science, which in the beginning was known as natural philosophy, has in the ensuing centuries opened so many doors and asked so many questions that it must once more link hands with philosophy to help us find the answers."

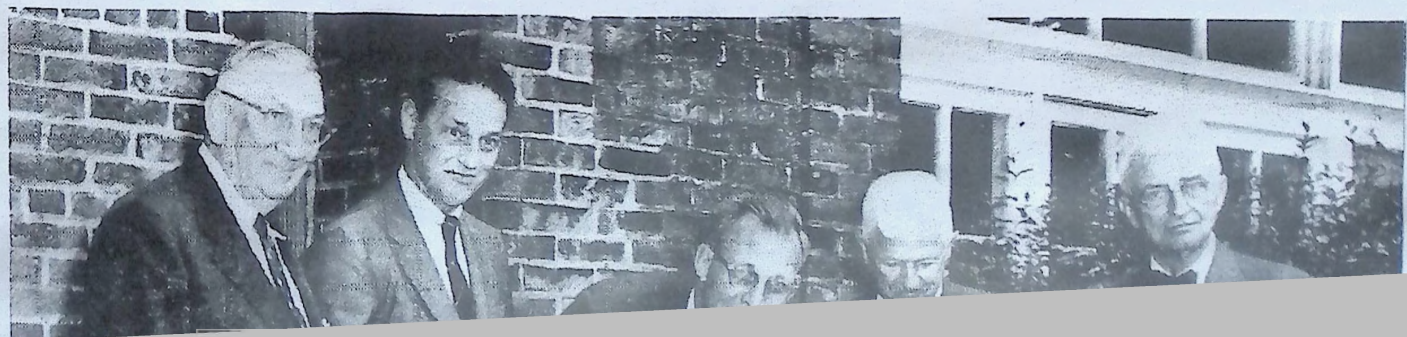
In my alphabet of Wilkes, therefore, I want to put into some meaningful perspective the Wonders that you will experience and contribute to in your lifetimes — the wonder of an understanding of nature that contributes to the mainstream of a more fundamental understanding of God. All of your human activity exists within this frame of reference of an orderly universe subject to fundamental laws that we as men can yet only glimpse.

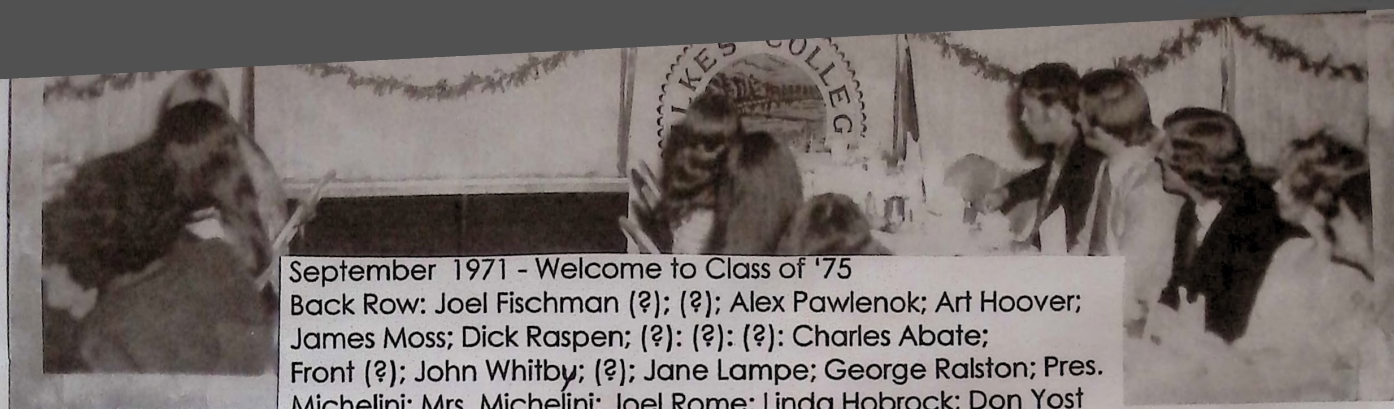


1966 National Science Foundation Grant Award to Wilkes
Dr. Farley; Dr. Michelini; Dr. Dan Detweiler (Physics Chair)



September 1971 - Welcome to Class of '75
 Back Row: Joel Fischman (?); (?); Alex Pawlenok; Art Hoover;
 James Moss; Dick Raspen; (?); (?); Charles Abate;
 Front (?); John Whitby; (?); Jane Lampe; George Ralston; Pres.
 Michelini; Mrs. Michelini; Joel Rome; Linda Hobrock; Don Yost





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1956 - STARK HALL GROUNDBREAKING
 Reuben Levy - Trustee; Jack Sordoni - Construction; Eugene Farley - President
 Admiral Harold Stark - Chair of Trustees; Gilbert McClintock - Trustee

WILKES COLLEGE
Serving the Valley
for 22 Years

Vol. XXI, No. 1

THE BEACON
Serving the College
since 1944

NOVEMBER 13, 1956

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When completed, the college will
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EN W.C.



STAPLES

STAPLES



INTERNATIONAL SYMPHONY
FOUNDATION
1958



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STAPLES

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WILKES COLLEGE
Serving the Valley
for 22 Years



— WILKES COLLEGE —

Beacon



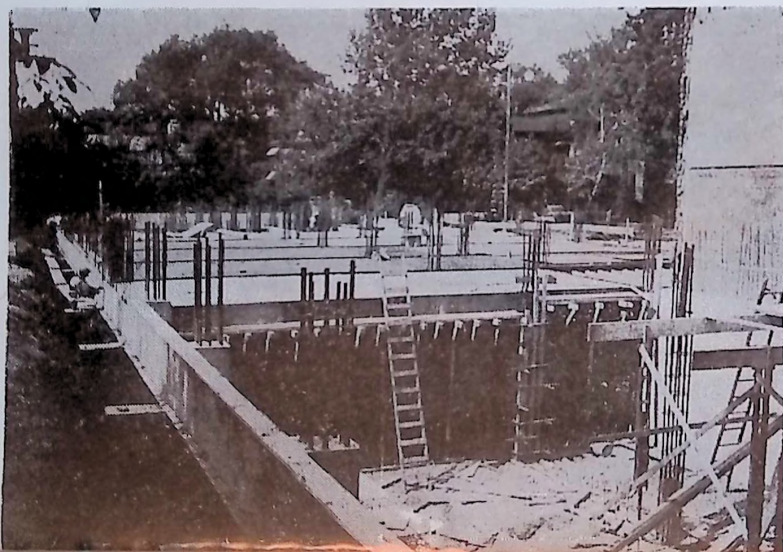
THE BEACON
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WILKES COLLEGE, WILKES-BARRE, PENNSYLVANIA

THURSDAY, SEPTEMBER 13, 1956

Science Hall and New Building Spark '56 Expansion Program



South Franklin St. Home Purchased As Work Proceeds on Stark Building; New Lots Aid Parking Problem

Progress on the Admiral Harold R. Stark Science Hall (which is shown at left) has been moving at a steady pace throughout the summer.

The ground-breaking ceremony for the building was held on June 4, Graduation Day, with Admiral Stark turning the first spadeful. The building was made possible by an anonymous donation of \$900,000, with the stipulation that the structure be named in honor of the Admiral.

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The first science facility, Stark Hall, consists of the previous enclosure.

The second science facility was constructed and was a result of a communal initiative. In his book "Essays of an Educator" circumstances that led to a commitment of undergraduate engineering offerings in the sciences. This in turn required teaching and research space and the federal funds to support this initiative.

This invitation to attend the January 19, 1961 second science facility is historic!

President Johnson had succeeded the a Kennedy as President of the United States scheduled dedication of the new addition decision to make this the first public ever "Ladybird Johnson" was designated as the (In his book Dr. Farley describes the back locked Mrs. Farley in her own bathroom!)

The Board of Trustees
The President
and The Faculty of Wilkes College
are especially privileged to
Mrs. Lyndon B. Johnson
at the
Dedication
of the
Wilkes College Research Center
at two-thirty in the afternoon
on Saturday, the eleventh
of November
Nineteen hundred and sixty-one

CHANGING SCENE ON CAMPUS — Making good speed on the construction of the Admiral Stark Science Hall, workers were going busily about the task of completing the science building while the rest of the campus was relatively quiet this summer. The foundation has been laid and the basement has been just completed. The new building will have the lecture hall for one of its wings and extend from there toward Chase Hall behind three dormitories: Butler, Ashley and Warner. Construction, which was begun early in July, is expected to reach completion in the spring semester.

Nearly 400 Frosh Attend Orientation Week Activities

by Norma Jean Davis

For the past few days, as upperclassmen have been relaxing and enjoying their last few days of leisure before settling down to classes, nearly 400 freshmen have been occupied by tests, addresses from members of the college administration, an introduction to hazing, and parties and receptions.

Freshmen week began Tuesday morning at 9 in the gymnasium with Mr. Chwalek presiding. Mr. John Detroy and Mr. Robert Moran led a freshman sing-song and addresses were given by Mr. George F. Ralston, Dean of Men, welcoming the newcomers, and Mr. John Whitby, Registrar, explaining some of the mechanics of registration.

A large part of Tuesday afternoon was taken up by placement tests in English, Accounting, and Foreign Languages. At the conclusion of this battery of tests, a class reception was held for the freshmen in the cafeteria.

Wednesday found the freshmen busily involved in registration and in posing for individual identification photographs. In the afternoon, group pictures were taken, and the newcomers were addressed by Don Reynolds, Student Council president, who explained the hazing procedure and what would be expected of them.

NEW CAFETERIA SCHEDULE LISTS 4 P.M. CLOSING TIME

Due to the fact that the Cafeteria has not been able to balance its budget in the past, new hours are being put into force which will, it is hoped, remedy the situation. The following is the schedule which the cafeteria will maintain until further notice:

DINING HALL	
7:00-8:00	Breakfast
11:30-1:30	Luncheon
5:45-7:00	Dinner

This morning finds the frosh again involved in inventory tests. These are expected to last until sometime this afternoon, after which the freshmen girls will attend the annual Coke Party sponsored by Theta Delta Rho.

Friday's schedule includes an address by Mrs. Getrude A. Doane, Dean of Women, on "Marks of an Educated Man", Departmental Meetings, and Student Activities. The week will be rounded off by the big "Come and Meet Us" dance Friday night in the gym.

CAFETERIA

9:00-4:00 Daily

The dining hall hours are set for dormitory students, and it will be impossible for dormitory students to receive dining hall service at any other time. The cafeteria service will be available to all students between 9:00-4:00 daily. This will, of course, include both dormitory and day students.

ATTENTION!

Any person interested in journalism, freshman or upperclassman, who would like to write for the BEACON, please get in touch with the editor or any member of the staff. The BEACON office is located on the third floor (front) of 159 South Franklin Street for those who can't locate a staff member.

Should the office be unoccupied, just sign your name to a slip of paper and slide it under the door. Someone will get in touch with you.

Experience is not necessary.

growth that may possibly provide a clue to the cause of cancer in human beings. The 2-year project will operate on an \$8,000 grant.

The grant, awarded to Dr. Michelini by the National Research Foundation, will go toward the construction of research greenhouses to be added to the now-building Harold R. Stark Science Hall.

Other monies from the funds, earmarked for salaries of student assistants on the project and for summer salaries of Dr. Michelini, chief investigator for the two-year project.

The study Dr. Michelini and his assistants are undertaking will involve the growth process of plants, with special attention being given to the process of differentiation, a process by which the simple single-celled seed that first forms the plant becomes the varied and unlike forms of cells in the complicated forms of the plant.

The significance of the study lies in the similarity of human cancer

summer was the acquisition of the Wadham residence at 275 South Franklin Street. The gray stone building is directly across from the gymnasium and has a lot in the rear which will be used for faculty parking facilities.

On Wright Street, which runs between South and Ross Streets and is between River and Franklin, the College acquired a lot which has been set aside for student parking.

Several old garages on the lot are being torn down at present, and when that is completed there will be space for approximately thirty-five automobiles.

The building at 159 South Franklin Street, former home of the Countess Elena DeSilva, has been altered for use by the Art Department. The third floor of the building has been given over to the Beacon and Amnicola, and the offices of these publications are located there.

Mr. Whitby will shortly be moving into his new office in what was formerly Chase Lounge and Mrs. Connolly will move into the office vacated by the Registrar. Mrs. Connolly is the College Comptroller.

differentiation may provide a clue to whatever may trigger cancer by causing a possible lack which may prevent the cancerous cells from differentiating.

Co-operating with the Wilkes group will be an English scientist studying in a Canadian university. Pointing up the international character of such scientific research will be the work of Dr. Victor Runeckles, formerly of the University of London, now at Queen's University, Kingston, Ontario.

Dr. Runeckles, now working in post-doctoral studies under a grant from the Canadian Science Foundation, as distinguished from the one given Dr. Michelini by the U. S. group, will co-operate with the local science group by making biochemical analyses of the plants grown and observed by Dr. Michelini and his assistants.



Dr. Francis J. Michelini

cells and undifferentiated plant cells which have failed to develop normally. Discovery of what causes

The first science facility, Stark Hall constructed in 1957, was referenced in the previous enclosure.

The second science facility was constructed contiguous with the original building and was a result of a community economic development initiative. In his book "Essays of an Educator", Dr. Farley described the circumstances that led to a commitment by the College to provide for extension of undergraduate engineering programs and graduate degree offerings in the sciences. This in turn required additional construction of teaching and research space and the college successfully applied for federal funds to support this initiative.

This invitation to attend the January 19, 1964 dedication ceremony of the second science facility is historic!

President Johnson had succeeded the assassinated President John F. Kennedy as President of the United States just months before the scheduled dedication of the new addition. The White House made the decision to make this the first public event of the new administration and "Ladybird Johnson" was designated as the President's representative. (In his book Dr. Farley describes the back room security precautions that locked Mrs. Farley in her own bathroom!)

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*at the
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CAFETERIA

Notice



Dr. Michelini and Anne Marie Michelini viewing model of 1970 proposed addition to Science facilities at Wilkes College

1973 STARK HALL POST-FLOOD F

When Hurricane Agnes flooded the campus of buildings were under water with major damage visiting team locker room at Ralston Field which raised and lowered the elevators down to the K was located on the highest spot of ground now House.

The Stark Hall science building addition was un the infrastructure plumbing and electrical condu compromised. Reconstruction and completion late 1973.



STARK LEARNING CENT

Dr. Michelini and Anne Marie Michelini viewing model of 1970
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1973 STARK HALL POST-FLOOD RECONSTRUCTION

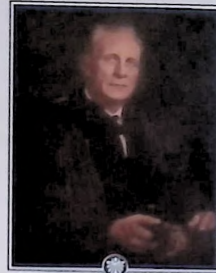
When Hurricane Agnes flooded the campus on June 23, 1972 all 58 College buildings were under water with major damage. The only exception was the visiting team locker room at Ralston Field which was the old shaft house that raised and lowered the elevators down to the Kingston area coal mines. That was located on the highest spot of ground now occupied by the McBride Field House.

The Stark Hall science building addition was under construction at the time and the infrastructure plumbing and electrical conduits already in place were severely compromised. Reconstruction and completion of that facility was completed in late 1973.



STARK LEARNING CENTER - 1973

PAST PRESIDENTS



EUGENE S. FARLEY
1936 - 1970



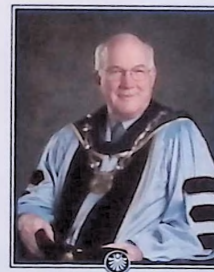
FRANCIS J. MICHELINI
1970 - 1975



ROBERT S. CAPIN
1975 - 1984



CHRISTOPHER N. BREISETH
1984 - 2001



JOSEPH E. "TIM" GILMOUR
2001 - 2012



THE UNIVERSITY OF WILLAMETTE

PATRICK F. LEAHY

SIXTH PRESIDENT OF WILLAMETTE UNIVERSITY

LOOKING BACK

WITH PRIDE

LOOKING FORWARD

WITH CONFIDENCE



THE INSTALLATION OF

DR. PATRICK F. LEAHY

SIXTH PRESIDENT OF WILKES UNIVERSITY

SATURDAY, SEPTEMBER THE FIFTEENTH

TWO THOUSAND AND TWELVE



THE F.M. KIRBY CENTER FOR THE PERFORMING ARTS

71 PUBLIC SQUARE

WILKES-BARRE, PENNSYLVANIA

WILKES UNIVERSITY

MISSION, VISION & VALUES

OUR MISSION:

To continue the Wilkes tradition of liberally educating our students for lifelong learning and success in a constantly evolving and multicultural world through a commitment to individualized attention, exceptional teaching, scholarship and academic excellence, while continuing the university's commitment to community engagement.

OUR VISION:

Wilkes University will provide exceptional educational experiences that transform students and develop innovations through scholarly activities that lead to national recognition and shape the world around us.

OUR VALUES:

MENTORSHIP: Nurturing individuals to understand and act on their abilities while challenging them to achieve great things.

SCHOLARSHIP: Advancing knowledge through discovery and research to better educate our constituents.

DIVERSITY: Embracing differences and uniqueness through sincerity, awareness, inclusion and sensitivity.

INNOVATION: Promoting creative scholarly activities, programs, ideas and sustainable practices.

COMMUNITY: Appreciating and collaborating with mutual respect to foster a sense of belonging.



DR. PATRICK F. LEAHY

Patrick F. Leahy became the sixth president of Wilkes University on July 1, 2012. A native of Maryland, Dr. Leahy earned a doctorate from the University of Pennsylvania in higher education strategy and management. He was a Fried Fellow at Cornell University, where he earned a dual master's degree in business administration and labor relations. He holds a bachelor's degree in English literature from Georgetown University.

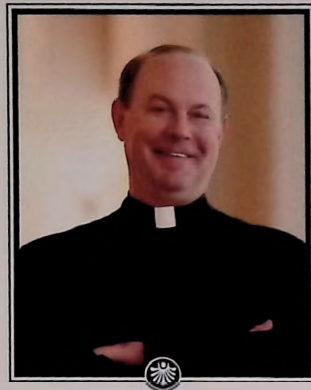
Dr. Leahy came to northeast Pennsylvania in 2004, when he joined the University of Scranton as executive assistant to the president. After being appointed vice president for university relations, he led the successful completion of the university's \$125 million capital campaign. As Scranton's first executive vice president, he was responsible for leading key components of the university's five-year strategic plan and the offices of development, government relations, undergraduate and graduate admissions, athletics, planning and information technology. Since 2006, he has taught as an adjunct professor in the University Business Leadership Honors Program in Scranton's Kania School of Management.



Dr. Leahy and his wife, Amy, make their home in Bear Creek Village, Pa., with their four children: Grace, 13; Molly, 11; Jack, 7; and Brian, 5.

Before beginning his career in higher education, Dr. Leahy was co-founder and president of the Business Affairs Forum, a 15,000-member distance learning community based in Ithaca, New York. He has worked as an investment officer at Allied Capital Corporation, as an account executive at Deluxe Corp., and as a development officer at Georgetown University.

KEYNOTE SPEAKER



REVEREND SCOTT R. PILARZ, S.J.

President — Marquette University

Rev. Scott R. Pilarz, S.J., is the 23rd president of Marquette University. He began his duties as chief executive on Aug. 1, 2011.

An accomplished teacher, scholar and academic administrator, Father Pilarz has earned respect and admiration for his engaging and inspiring leadership that is deeply rooted in Catholic and Jesuit values.

A New Jersey native, he earned a bachelor's degree in English from Georgetown University in 1981, the same year that he entered the Society of Jesus. As part of his Jesuit formation, he earned a master's degree in philosophy from Fordham University and master's degrees in divinity and theology from the Weston Jesuit School of Theology. He was ordained a priest in 1992. He earned his doctoral degree in English from the City University of New York.

An expert in early modern English literature, Father Pilarz served on the faculty of Georgetown University from 1996 to 2003 and led campus ministry efforts as university chaplain from 2002 to 2003.

Father Pilarz served as president of The University of Scranton in Scranton, Pa., from 2003 to 2011.

ORDER of PROCESSION

THE FACULTY MARSHAL AND MACE BEARER

AIR FORCE ROTC DETACHMENT 752 COLOR GUARD

GONFALONS

ALUMNI AND STUDENT REPRESENTATIVES

PRESIDENTS AND DELEGATES OF COLLEGES, UNIVERSITIES
AND OTHER ORGANIZATIONS

EMERITI FACULTY OF THE UNIVERSITY

THE FACULTY OF THE UNIVERSITY

ACADEMIC DEANS OF THE UNIVERSITY

EXECUTIVE OFFICERS OF THE UNIVERSITY

EMERITI TRUSTEES

EMERITI PRESIDENTS

TRUSTEES

CHAIRMAN OF THE BOARD OF TRUSTEES

MEMBERS OF THE STAGE PARTY

PRESIDENT OF THE UNIVERSITY

ORDER of CEREMONY

PRELUDE The Wilkes Civic Band
 "A Festival Prelude" Phillip G. Simon, Director
 Alfred Reed

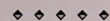
*PROCESSIONAL The Wilkes Civic Band
 "Entrance and March of the Peers from Iolanthe" Phillip G. Simon, Director
 Arthur Sullivan, arr. by M.L. Lake

WELCOME AND INTRODUCTORY REMARKS..... Paul S. Adams '77, M'82
 Vice President, Student Affairs
 Co-chair, Installation Steering Committee

*INVOCATION Reverend Michael E. Brewster
 Member, Board of Trustees
 Pastor, Mt. Zion Baptist Church, Wilkes-Barre

*"AMERICA THE BEAUTIFUL" Words appear on page 18
 Words by Katherine Lee Bates
 Music by Samuel A. Ward

MUSICAL INTERLUDE..... The Wilkes University Chorus
 "Noble Truths" and the Robert Dale Chorale
 Words by Mischelle Anthony and Lawrence Kuhar Steven L. Thomas, Conductor
 Music by Steven L. Thomas



COLLECTED THOUGHTS FOR THE NEW PRESIDENT

The Board of Trustees Virginia P. Sikes
 Member, Board of Trustees
 Chair, Presidential Search Committee

The Students Kristofer R. Rivers '13, Pharm.D.'15
 President, Student Government

The Faculty Justin C. Matus
 Associate Professor, Business Administration
 Chair, Faculty Affairs Council

The Staff Gretchen S. Yeninas M'07
 Advising Coordinator, University College
 Member, Search Committee

The Alumni Thomas N. Ralston '80
 Member, Board of Trustees
 President, Alumni Association

ORDER of CEREMONY

The Commonwealth of Pennsylvania.....The Honorable John T. Yudichak
 State Senator, 14th Senatorial District

The City of Wilkes-Barre.....The Honorable Thomas M. Leighton
 Mayor, City of Wilkes-Barre

MUSICAL INTERLUDE..... The Wilkes Civic Band
 "Fanfare and Fantasy on Wilkes Our Alma Mater" Philip G. Simon, Director
 Philip G. Simon

KEYNOTE ADDRESS Reverend Scott R. Pilarz, S.J.
 President, Marquette University

INSTALLATION OF THE PRESIDENT

PRESENTATION OF THE CHARTER, SEAL
 AND PRESIDENTIAL CHAIN OF OFFICE..... John R. Miller '68
 Chair, Board of Trustees



INSTALLATION ADDRESS Patrick F. Leahy

CONFERRAL OF HONORARY DEGREE Patrick F. Leahy
 President

PRESENTED TO REVEREND SCOTT R. PILARZ, S.J.
 Doctor Of Humane Letters, Honoris Causa

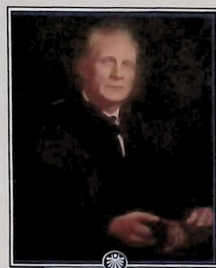
MUSICAL INTERLUDE..... Wilkes University Chorus
 "Gaudeamus Igitur" and the Robert Dale Chorale
 Anonymous, German, 18th Century Steven L. Thomas, Conductor

*ALMA MATER..... Words appear on page 18
 Eleanor C. Farley
 Arrangement, Earl Orcutt '69

BENEDICTION Reverend Janell Wigen
 Co-Pastor
 Good Shepherd and St. John's Lutheran Churches
 Wilkes-Barre

RECESSIONAL
 *The audience is requested to stand

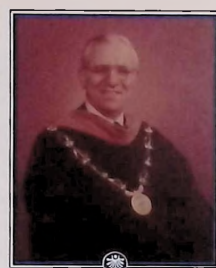
PAST PRESIDENTS



EUGENE S. FARLEY
1936 - 1970



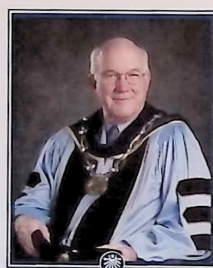
FRANCIS J. MICHELINI
1970 - 1975



ROBERT S. CAPIN
1975 - 1984



CHRISTOPHER N. BREISETH
1984 - 2001



JOSEPH E. "TIM" GILMOUR
2001 - 2012

HISTORY OF WILKES UNIVERSITY

The institution known today as Wilkes University began in 1933, when Bucknell University established Bucknell University Junior College in Wilkes-Barre. The institution attracted able and highly motivated individuals, virtually all of whom were the first members of their families to benefit from higher education.

In 1947, the institution became Wilkes College, an independent, nondenominational, four-year school, with programs in the arts and sciences and a number of professional fields as well as a full program of extracurricular activities. The student body and faculty grew rapidly in the 1950s and expansion into graduate studies followed in the 1960s and 1970s.

In the 1980s, Wilkes gained recognition for teaching, applied research, cultural affairs, and public-service programs. Designation as a University in 1990 capped an eventful and productive half-century of development. Wilkes University further distinguished itself in 1996, when the eagerly anticipated School of Pharmacy opened.

Since then, the University has launched terminal degree programs in education, creative writing and nursing practice, and significantly increased the number of master's degree programs. In 2008, Wilkes was awarded a Howard Hughes Medical Institute grant, recognizing the institution as having one of the nation's best undergraduate science programs. The University is further growing its campus through the construction of a 70,000-square-foot science building.

Throughout its history, Wilkes has had a strong commitment to the liberal arts and to a substantial general education curriculum. Wilkes also remains committed to educating first-generation college students. The hallmark of a Wilkes education continues to be the personal commitment of faculty to their students. The University currently offers more than 35 majors, 11 pre-professional programs, and over 20 master's programs. Leadership opportunities extend beyond the classroom through 16 varsity sports and more than 60 clubs and organizations. There are currently more than 2,200 undergraduate and more than 2,600 graduate and professional students enrolled at Wilkes University. Upon graduation, they will join a population of over 39,000 alumni.

DELEGATES

REPRESENTING OTHER UNIVERSITIES & ORGANIZATIONS

(As of September 4, 2012)

- 1636
Harvard University
Steven L. Thomas, D.M.A.
Alumnus
- 1740
University of Pennsylvania
Thomas J. Baldino, Ph.D.
Alumnus
- 1742
Moravian College
Katie P. Desiderio, Ph.D.
Assistant Professor of Management
- 1749
Washington and Lee University
Richard Hughes, J.D.
Alumnus
- 1754
Columbia University
Christopher C. Sten, MBA
Alumnus
- 1766
Rutgers University
Jennifer J. Edmonds, Ph.D.
Alumna
- 1781
Washington and Jefferson College
Duncan Brown
Alumnus
- 1787
University of Pittsburgh School of Law
Neil Conway, J.D.
Alumnus
- University of Pittsburgh
Jane M. Elmes-Crahall, Ph.D.
Alumna
- 1812
Lycoming College
Philip Sprunger, Ph.D.
Provost and Dean of the College
- 1826
Lafayette College
David E. Schwager, Esq.
Alumnus
- 1831
New York University
Ann M. Kolanowski, Ph.D., RN, FAAN
Alumna
- 1833
Haverford College
Dan D. Crawford, Ph.D.
Alumnus
- 1837
Mount Holyoke College
Joan M. Moran
Alumna
- 1838
Duke University
Lisa Kadlec, Ph.D.
Alumna
- 1842
Villanova University
Ruth McDermott-Levy, Ph.D.
Assistant Professor, College of Nursing
- 1844
Wyoming Seminary
Kip P. Nygren, Ph.D.
President
- 1846
Bucknell University
Ellen Q. Bush
Alumna and Member of the Board of Trustees
- 1846
Saint Vincent College
Desiree R. Craig
Alumna
- 1848
Muhlenberg College
Daniel Klem, Jr., Ph.D.
Sarkis Acopian Professor of Ornithology & Conservation
- 1865
Cornell University
Vee Ming Lew, Ph.D.
Alumnus
- 1865
Lehigh University
Dr. Ted Kowalshyn
Alumnus
- 1867
Cedar Crest College
Heather Ruseskas
Alumna

- 1868
Keystone College
Edward G. Boehm, Jr., Ed.D.
President
- 1870
Syracuse University
Kenneth M. Klemow, Ph.D.
Alumnus
- 1876
Juniata College
Jennifer Wade
Alumna
- 1880
Bridgewater College
Geoffrey Chase, J.D.
Alumnus
- 1883
Houghton College
David Perkins, Ph.D.
Alumnus
- 1884
Temple University
Eli Stavisky, D.D.S.
Alumnus
- 1885
Bryn Mawr College
Lisa Shafer
Director of The Slade Society
- 1885
Michigan Technological University
Sid P. Halsor, Ph.D.
Alumnus
- 1888
The University of Scranton
Rev. Kevin P. Quinn, S.J.
President
- 1888
The University of Scranton
Alumni Board of Governors
Thomas Grech
President
- 1891
Drexel University
Marianne M. Rexer, Ph.D.
Alumna
- 1893
East Stroudsburg University of Pennsylvania
Marcia G. Welsh, Ph.D.
President
- 1896
Adelphi University
Mary Ann Merrigan, Ph.D.
Alumna
- 1903
Skidmore College
Betsy Bell Condron
Alumna
- 1904
Assumption College
J. Brian Benestad, Ph.D.
Alumnus
- 1912
Lackawanna College
Jill A. Murray, Ph.D.
Vice President for Academic Affairs
- 1915
Marywood University
Sister Anne Munley, IHM, Ph.D.
President
- 1924
Misericordia University
Fred Croop
Dean, College of Professional Studies & Social Sciences
- 1925
Eastern University
Kenton Sparks, Ph.D.
Provost
- 1926
Long Island University
Linda Puchalski
- 1932
Baptist Bible College and Seminary
Rev. James E. Jeffery
President
- 1946
King's College
Rev. John J. Ryan, C.S.C., Ph.D.
President
- 1952
Association of Independent Colleges & Universities of Pennsylvania
Don L. Francis, Ph.D.
President
- 1957
Cabrini College
Anne Skleder, Ph.D.
Provost and Vice President of Academic Affairs
- 1966
Luzerne County Community College
Thomas Leary
President
- 1967
Northampton Community College
Matthew J. Connell, Ph.D.
Dean

INSTITUTIONS SENDING GREETINGS

(As of September 4, 2012)

Alfred University
Allegheny College
Anna Maria College
Becker College
Bryant University
Caldwell College
Cambridge College
Canisius College
Carlow University
Clarion University
Colgate University
Columbia University
Dickinson College
Drexel University
East Stroudsburg University
Eastern Mennonite University
Edinboro University
Elmira College
Elms College
Emory & Henry College
Fairleigh Dickinson University
Franklin & Marshall College
Gannon University
Geneva College
Georgetown University
Georgian Court University
Gettysburg College
Gordon College
Grove City College
Harvard University
Hofstra University
Hollins University
Immaculata University
Indiana University of Pennsylvania
Ithaca College
Jefferson College of Health Sciences
Keuka College
King's College
Lehigh University
LeMoyne College
Lock Haven University
Loyola University Maryland
Lycoming College
Manhattan College
Marymount Manhattan College
Marywood University

Massachusetts Institute of Technology
McDaniel College
Mercy College
Millersville University of Pennsylvania
Molloy College
Mount Saint Mary College
Mount St. Mary's University
Muhlenberg College
Neumann University
New York Law School
Niagara University
Northeastern University
Penn State Altoona
Princeton University
Providence College
Regis College
Randolph-Macon College
Regent University
Roanoke College
Robert Morris University
Sacred Heart University
Saint Francis University
Saint Vincent College
Simmons College
Skidmore College
Slippery Rock University of Pennsylvania
Smith College
Springfield College
St. Bonaventure University
St. John's University
Stonehill College
The College of New Rochelle
The College of Saint Elizabeth
The George Washington University
The University of Scranton
The University of the Arts
Tufts University
University of Hartford
University of Pennsylvania
University of Pittsburgh
University of Richmond
University of Saint Joseph
West Chester University of Pennsylvania
Williams College
Wilson College

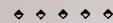
ALUMNI & STUDENT REPRESENTATIVES

1946	Alberta Killian	1986	Randa Fahmy Hudome
1949	Clayton Karambelas	1987	Allan Knox
1950	Don Follmer	1988	James Ralston
1952	Helen Ralston	1989	Robert Wachowski '94, M'09
1955	Richard Kent	1990	Ronald Miller
1956	James Ferris	1991	Mary Jo Rubino
1958	Thomas Myers	1992	Ianice Raspen
1959	Jane Norton Granitzki	1993	Rosemary LaFratte MBA'97
1960	Allyn Jones	1994	William LePore
1961	Philip Amico	1995	Joseph McBride
1962	Rachel Altavilla Winebrake	1996	Ali Qureshi
1963	Charles Cherundolo	1997	Cynthia Charnetski
1967	Edwin Pashinski	1998	JJ Fadden
1968	Timothy McGinley	1999	Kristine Pruett M'06
1969	Patrick Burke	2000	Kerianne Geist
1970	Sandra Sheruda M'74	2001	Richard Seipp, Pharm.D.
1971	Ellen Stamer Hall	2002	Bethany Bosh
1972	Theodore Yeager	2003	Kevin Sickle M'10
1973	David Davis	2004	Kristin Klemish
1974	Dwayne Mattei	2005	Brett Trichilo
1975	Catherine Link	2006	Michael Fox
1976	Robert Spinelli	2007	Adrienne Richards
1977	M. Patty Spinelli	2008	Justin Richards
1978	Jean Adams	2009	Jeffrey Bauman
1979	Rosa Khalife-McCracken	2010	Andrew Seaman
1980	Mark Rado	2011	Jacqueline Lukas
1981	Edward Mollahan	2012	Sarah Frable
1982	Kathleen Heltzel MBA'85	2013	Meribeth Derkach
1983	Roya Fahmy	2014	Amber Konopka
1984	Daniel Glunk	2015	Taylor Moyer
1985	Donna Sedor	2016	Holly Margiotti

SYMBOLS *of the* UNIVERSITY

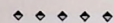
UNIVERSITY MACE & PRESIDENTIAL CHAIN OF OFFICE

The mace and the presidential chain of office used in academic celebrations represent traditions dating to the sixteenth century. The mace symbolizes the authority of the university and the chain of office designates the presidential leadership of the academy. The Wilkes University mace and presidential chain of office were gifts of local donors and were first used in 1970 at the inauguration of the second president of Wilkes. They were designed by Ottie Hill Chwalek '61 and executed by Kurt Matzdorf, a nationally recognized gold and silversmith from the State University of New York at New Paltz.



THE UNIVERSITY MACE

The sterling silver mace has a gilt knob at its base and a gilt circle at the top bearing the inscription "Wilkes College 1933." The bowl, rising above the neck of the mace, signifies Wilkes-Barre's role as a melting pot, forming a new and vigorous community of people from many different backgrounds. This theme is reiterated in the inscription of the University's motto; "Unity Amidst Diversity," which surrounds the upper part of the bowl. The gilt flame symbolizes the enlightenment gained from higher education, while the piece of anthracite coal set in the center of the flame commemorates the origin of the University in a community known for its coal mining past.



THE PRESIDENTIAL CHAIN OF OFFICE

The Presidential Chain of Office, created from sterling silver, has alternating bowls and gilt flames, repeating the motif of the mace. On the front of the four-foot chain hangs a gilt seal of Wilkes which is suspended from a cluster of oak leaves with acorns, suggesting the strength and sturdiness of future generations. On the back of the Presidential Chain of Office is a silver portrait of Dr. Eugene S. Farley, the first President of Wilkes. Dr. Farley's portrait is surrounded by gilt oak leaves commemorating his strong leadership of the emerging institution.



ACADEMIC COSTUME

During the Middle Ages those seeking an education traveled to European centers of learning. Centers of learning and universities were closely allied with the clerics of the time, and the scholars donned garb similar to that worn by the clergy. This evolved into the academic uniform, a long black gown, hood, and cap, which proved useful for studying in unheated and drafty buildings. The hood served simultaneously as a head covering, a repository for coins and alms and the forerunner of the modern day book bag. The hood was adorned with the colors of the university and designated the young scholar's school or university affiliation. By their distinctive clothing the students were set apart and distinguished from the citizens of the town; hence the origin of the phrase "town and gown."

American colleges and universities adopted the wearing of the traditional apparel in Colonial times, and a common code for academic apparel was established in the mid-nineteenth century. The hood is the most distinctive feature of academic regalia. The inside of the hood is lined with the official colors of the institution. The velvet trim around the outside of the hood designates the degree or field of study of the graduates.

The style of the gown distinguishes graduates by the degree they have earned. Those earning the bachelor's degree wear a simple black gown with elongated pointed sleeves. Holders of the master's degree wear gowns with a longer, closed, square cut sleeve. The doctoral gown is trimmed with velvet stripes on the sleeves and panels of velvet on the front closure of the gown.

VELVET COLOR REPRESENTATION

Maize.....Agriculture	Pink.....Music
White.....Arts, Letters, Humanities	Apricot.....Nursing
Drab.....Commerce, Accountancy, Business	Silver Gray.....Oratory (Speech)
Lilac.....Dentistry	Olive Green.....Pharmacy
Copper.....Economics	Dark Blue.....Philosophy
Light Blue.....Education	Sage Green.....Physical Education
Orange.....Engineering	Peacock Blue..Public Administration, Foreign Service
Brown.....Fine Arts, Architecture	Salmon Pink.....Public Health
Russet.....Forestry	Golden Yellow.....Science
Crimson.....Journalism	Citron.....Social Work
Purple.....Law	Scarlet.....Theology
Lemon.....Library Science	Gray.....Veterinary Science
Green.....Medicine	

BOARD *of* TRUSTEES

JOHN R. MILLER '68
CHAIR

DANIEL CARDELL '79
VICE CHAIR

MICHAEL J. MAHONEY
SECRETARY/ASSISTANT TREASURER

MICHAEL I. GOTTDENKER
ASSISTANT TREASURER/SECRETARY

TRUSTEES



Michael E. Brewster	David E. Hadley '82	Gerald A. Moffatt '63
Laura B. Cardinale '72	John S. Kerr '72	George G. Pawlush '69 M'76
Terrence W. Casey '81	Carol R. Keup '89	Thomas N. Ralston '80
Denise S. Cesare '77	Milan S. Kirby	Hedy A. Rittenmeyer '72
Charles F. Cohen	Daniel Klem, Jr. '68	Steven P. Roth '84
Jeffrey L. Davidowitz	Melanie Maslow Lumia	Jay S. Sidhu '73
Jason D. Griggs '90	Dorothy Darling Mangelsdorf	Virginia P. Sikes
William A. Hanbury '72	George J. Matz '71	Elizabeth A. Slaughter '68
Christopher L. Hackett	William R. Miller '81	Matthew R. Sordoni

EMERITI TRUSTEES



Richard L. Bunn '55	Frank M. Henry	Arnold S. Rifkin
Lawrence E. Cohen '57	Beverly B. Hiscox '58	Eugene Roth '57
Esther B. Davidowitz	Allan P. Kirby, Jr.	Joseph J. Savitz '48
Patricia S. Davies	Robert A. Mugford '58	Stephen Sordoni
Robert A. Fortinsky	Richard L. Pearsall	William H. Tremayne '57
Jerome R. Goldstein	William A. Perlmuth '51	Norman E. Weiss
	Mary B. Rhodes M'77	

PRESIDENT'S CABINET

PATRICK F. LEAHY
President

TERESE M. WIGNOT
Interim Provost

LOREN D. PRESCOTT JR.
*Vice President of Finance
and General Counsel*

PAUL S. ADAMS '77, M'82
Vice President for Student Affairs

MICHAEL J. SPEZIALE M'78
*Dean of the College of Graduate
and Professional Studies
and the School of Education*

JEFFREY R. ALVES
*Dean of the Jay S. Sidhu School
of Business & Leadership*

JOHN C. STACHACZ
Dean of the Library

DALE A. BRUNS
Dean of the College of Science and Engineering

MELANIE O. WADE '93
Vice President of Enrollment

JACK J. CHIELLI M'08
*Associate Vice President of Marketing
Communications and Government Relations;
Executive Assistant to the President*

LINDA A. WINKLER
*Dean of the College of Arts,
Humanities & Social Sciences*

BERNARD W. GRAHAM
*Dean of the Nesbitt College
of Pharmacy and Nursing*

MICHAEL J. WOOD
Vice President of Advancement

SCHOLARSHIP SHOWCASE PRESENTERS

(Presented September 13, 2012 • Dorothy Dickson Darte Center)

GREG HARMS
College of Science and Engineering
"Revelations Through Image Resolution:
Stimulated Emission Depletion Microscopy and
Sheet Illumination Microscopy"

ERIC A. WRIGHT
Nesbitt College of Pharmacy and Nursing
"Improving Health Through Patient Engagement"

ELIZABETH D. JOHNSON
School of Education
"The Role of Statistic in Educational Research"

JUSTIN C. MATUS
Sidhu School of Business and Leadership
"An Analysis of Technology Enhanced
Pedagogy and Learning: Student Response
Systems (Clickers) – Tool or Toy?"

DIANE E. WENGER
College of Arts, Humanities and Social Sciences
"From Single Brother to Celebrated Snuff Maker:
The Story Behind Demuth's Tobacco Shop"

INSTALLATION MUSIC

AMERICA THE BEAUTIFUL

WORDS BY KATHERINE LEE BATES | MUSIC BY SAMUEL A. WARD

O beautiful for spacious skies, for amber waves of grain,
For purple mountain majesties above the fruited plain.
America! America! God shed his grace on thee,
And crown thy good with brotherhood from sea to shining sea.
O beautiful for patriot dream that sees beyond the years,
Thine alabaster cities gleam, undimmed by human tears.
America! America! God shed his grace on thee,
And crown thy good with brotherhood from sea to shining sea.



ALMA MATER

WORDS BY ELEANOR C. FARLEY | ARRANGED BY EARL ORCUTT '69

Wilkes, our Alma Mater,
We pledge our hearts to thee,
Honor, faith, and courage,
Truth and loyalty,
In our work and in our pleasure,
Guide us as a friend;
We shall always love thee,
Loyal to the end.
Thou shalt lead us onward
In search of finer things.
May we find the wisdom
That thy spirit brings.
May our deeds of love and service
Ever swell thy fame —
Wilkes, we stand to greet thee!
Glory to thy name.

ORIGINAL MUSIC SELECTIONS

Wilkes faculty from the Performing Arts and English departments collaborated on original musical compositions in honor of Dr. Leahy's installation as sixth president of the University.

"Fanfare and Fantasy on Wilkes, Our Alma Mater" was composed by Dr. Philip Simon of the Performing Arts Department. The composition is divided into four sections: Fanfare, Tradition (featuring alumni music majors), In Progress, and To Come, each suggesting the large time frames of the University's birth, development, growth and future. It will be performed by the Wilkes University Civic Band, a collaborative ensemble featuring University students and high school and adult community members.

"Noble Truths" is a new choral work written in honor of Dr. Leahy's installation. The text is a poem written for the occasion by Wilkes faculty members Dr. Lawrence Kuhar and Dr. Michelle Anthony of the English Department. Dr. Steven Thomas of the Performing Arts Department set their words to music. The piece celebrates the beginning of a new era at Wilkes and highlights the enduring values that make the University an inspiring place.



NOBLE TRUTHS

WORDS BY MISHELLE ANTHONY & LAWRENCE KUHAR | MUSIC BY STEVEN L. THOMAS

Together we move time
The bluebell's morning bloom
Courage - Humility - Gratitude

Noble truths we honor thee
Knowledge, awareness, integrity
Noble truths we honor thee
Knowledge, awareness, integrity

Sunlight streams through valley trees
Wise feelings
Promise dreams again
Courage - Integrity

Noble truths we honor thee...

Find form in all our fires,
Purpose in our knowledge.

Noble truths we honor thee...

PRESIDENTIAL SEARCH COMMITTEE

(2011 - 2012)

VIRGINIA SIKES.....	Chair; Trustee
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GEORGIA COSTALAS.....	Managing Director, Diversity Affairs
CHRISTINA FILIPKOWSKI.....	Student Government Vice President, Class of 2014
MICHAEL GOTTDENKER.....	Trustee
VERNON HARPER.....	Associate Provost
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WILLIAM MILLER '81.....	Trustee
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GRETCHEN YENINAS M'07.....	Advising Coordinator, University College; Chair of the University Staff Advisory Committee
ALEXANDRA MADAYA.....	Class of 2013
JOHN R. MILLER '68.....	Chair of the Board of Trustees
JACK CHIELLI M'08.....	Executive Assistant to the President Search Committee Project Manager

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TINA HANSON.....	Catering Manager, Sodexo
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LISA REYNOLDS.....	Associate Director of Marketing Communications
JOHN STACHACZ.....	Dean of the Library
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REBECCA VAN JURA.....	Director of Special Events
MIRKO WIDENHORN.....	Director of Alumni Relations
GRETCHEN YENINAS M'07.....	Advising Coordinator, University College; Member of the University Staff Advisory Committee
PATRICK F. LEAHY.....	ex officio; President
JOHN R. MILLER '68.....	ex officio; Trustee

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WEDNESDAY
FEBRUARY 13, 2013

The Press

OF ATLANTIC CITY

\$1.00

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Vol. MMXIII, No. 44, ©2013 South Jersey Publishing Co.

PressofAtlanticCity.com

REGIONAL EDITION

Sandy deadliest tropic-based storm outside South since '72

■ A National Hurricane Center report details the costs, in lives and property, of last fall's storm.

By SARAH WATSON
Staff Writer

Hurricane Sandy was the deadliest storm of tropical origin to strike the United States outside the South

since Agnes in 1972. It made landfall near Brigantine, several miles north of where forecasters predicted the day of the storm.

The National Hurricane Center's final report about Sandy's meteorological and physical effects, released Tuesday, also noted that Sandy briefly strengthened to a Category 2 hurricane about 12 hours prior to

landfall the evening of Oct. 29. However, the storm transitioned from a hurricane to a northeaster about one hour before landfall as it interacted with the cold air and atmospheric conditions near New Jersey, the report said.

This transition, however, did not have an effect on the record storm surge that reached more than 5 feet

in Atlantic City and Cape May, and peaked as high as 9 feet in New York City, the report said.

States along the entire eastern seaboard experienced some level of storm surge, with New Jersey, New York and Connecticut seeing the highest water level. The surge sent as much as 5 feet of water into the Hudson River all the way to Albany,

or more than 100 miles inland, the report found.

Storm surge is the amount of water in excess of a normal tide. The report noted that barrier islands, including Long Beach Island, were almost completely inundated in areas. High-water marks 5 feet above

□ See Sandy, A9

Sandy

(Continued from A1)

ground level were found in Tuckerton and on LBI, with inundation marks found 2 to 4 feet above ground level near Atlantic City and Cape May.

"I guess in some ways that was fortunate for us because we were not on the north side of the storm, where more damage occurred," Brigantine Mayor Phil Guenther said after learning his town had been the point where Sandy came ashore. "Certainly when the eye passed over for those of us in town at that point, it was calm and very eerie, until the back side of the storm came."

Winds at landfall were recorded at 70 knots, or 80 mph, above minimum hurricane status, the report said. When Sandy made landfall, the storm's minimum barometric pressure recorded at the National Ocean Service buoy on Steel Pier was 945 millibars, or the lowest pressure ever recorded north of North Carolina. This pressure was one of the causes of Sandy's destructive storm surge, coastal scientists have said.

The hurricane center's analysis of the storm also found that weakened

appearing.
The libertarian, Arlington.

"That seems to be one step

Read the report

To see the National Hurricane Center's final report, click on a link with this story at PressofAtlanticCity.com

costliest disaster, the report stated.

National Hurricane Center forecasters had said the day of the storm that Sandy made landfall about 3 miles south of Atlantic City. It is not unusual for forecasters to alter the landfall location following the hurricane center's forensic report.

Contact Sarah Watson:
609-272-7216
swatson@pressofac.com
Follow @sacpresssarah on Twitter

appealing.

The libertarian, Arlington,

"That seems to be one step

Sandy

(Continued from A1)

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The hurricane center's analysis of the storm also found that sustained hurricane-force winds, defined as at least 74 mph, occurred in New Jersey, but likely after the storm had transitioned into a northeaster.

Of the 72 deaths in the U.S. attributed to Sandy, 41 were attributed to the storm surge, the report said. At least another 87 deaths were indirectly linked to the storm, including 50 related to the extended power outages. The causes of those deaths included hypothermia, falls and carbon monoxide poisoning, the report stated.

At least 650,000 houses were damaged or destroyed by Sandy. In New Jersey, 346,000 housing units were damaged or destroyed, with 22,000 of those uninhabitable. Nearly 19,000 businesses each had damage worth at least \$250,000. Repairs to utility lines statewide are expected to cost about \$1 billion and repairs to damaged water and sewer infrastructure will cost about \$3 billion, the report said.

Sandy also will rank as the second-costliest disaster in the nation's history, with a current damage estimate of about \$50 billion. If inflation, property valuation and other equalizing factors are considered, the storm will rank as the sixth-

Read the report

To see the The National Hurricane Center's final report, click on a link with this story at PressofAtlanticCity.com

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Guest Editorial: The Washington Post

New flood policies make sense for nation

The following editorial appeared in The Washington Post on Feb. 9, 2013.

Last October, Hurricane Sandy leveled buildings across the New York City area. How the region rebuilds matters not just to the region's millions of residents but to everyone who pays federal taxes. The Senate, after all, just approved \$60 billion in supplemental aid for Sandy victims, a big-ticket reminder that, when disaster strikes, the country is often on the hook. And, scientists say, disaster is going to become increasingly likely in coastal areas as warmer global temperatures slowly but steadily raise sea levels.

Facing this reality requires policy at all levels of government that discourages Americans from making overly risky choices about what to build and where to live, lest taxpayers continually bear huge burdens when floods and other disasters hit. But that's much easier said than done.

See, for example, the recent hubbub in New York City and New Jersey over a few blotches of color on new federal flood maps. The Federal Emergency Management Agency last week released its updat-

Government must discourage Americans from making overly risky choices about what to build and where to live, lest taxpayers continually bear huge burdens when floods and other disasters hit.

ed assessment of who is at risk of flood in Sandy-affected areas. The list of properties in New York City doubled to 35,000. Homeowners who find themselves in newly designated flood zones must choose between elevating their houses out of reach of future storm surges or paying many times more in flood-insurance premiums. Grants are available from various federal programs, but residents fret that the grants might not cover the full cost. The mayor of Brick, N.J., a beach town, counseled his constituents not to start rebuilding until they could challenge FEMA's new maps.

The FEMA maps probably aren't perfect. But the appeals process should not become a way for residents to avoid needed upgrades or to pay insurance rates that fail to reflect the risks they are taking, particularly when the government

is subsidizing so much of the rebuilding. Even flood-insurance policies that seem expensive offer a federal benefit, given that few private firms would touch the business.

In fact, leaders all over the coastal United States should be girding for worse than FEMA's maps suggest. The maps, a FEMA spokesman explained to us, capture only the risk that these regions currently face — not future dangers associated with climate change. Structures built or rebuilt now may have to contend with those threats, and current policies will help determine how well they hold up. New York Gov. Andrew Cuomo (D), for one, is proposing to buy homes in at-risk areas and replace them with natural barriers such as dunes. That is only one possible way to toughen the country's shorelines.

Flood insurance isn't coming through

My home on a beautiful lagoon in Mystic Islands, where I have lived for more than 20 years, needs to be torn down. Everything in my home was destroyed by Hurricane Sandy. I was able to save four pairs of shoes and some clothes.

Although this was devastating, I was sure I could recover and rebuild, because I have my flood insurance and, hopefully, help from the Federal Emergency Management Agency. However, I soon learned that the last thing your insurance company is going to do is help you.

I have paid premiums to my flood insurance company (Hartford Insurance) for more than 20 years, insuring my home for \$150,000 and \$5,600 for the contents of my home. After waiting for three months for an answer from my insurance company, I was offered \$53,000 for my home and its contents. This amount is supposed to build me another home and buy furniture and appliances. I'm still waiting for an answer from FEMA and hoping it will be able to offer me something positive.

I have recently retired from 56 years as a registered nurse. Being 78 years old now, there are not too many years left to enjoy my retirement. All I want is to live in my home and see the water every day.

If I am ever able to return to my beautiful lagoon, I don't think I will invest in any flood insurance. I think I would do better to just put that money in a personal flood account. Think about it.

BARBARA TIMSON
Little Egg Harbor Township

THE PRESS OF ATLANTIC CITY

WEDNESDAY, FEBRUARY 13, 2013

Wilkes plans new science building

Groundbreaking for structure on River Street will be in spring of 2012.

By BILL O'BRYEN
bob@delawarepress.com

WILKES-BARRE — Wilkes University is planning a new multimillion-dollar, 74,250-square-foot science building that the school says will greatly improve its programs and attract the area's brightest students.

Mike Wood, vice president of advancement at Wilkes, told the Downtown Wilkes-Barre Business Association Friday that the project is in its early stages, with groundbreak- ing expected to be in the spring of 2012.

"Our new science building... promises to promote science collabora- tion and research among our students and faculty."

Wood said the four-story building at 140 South River Street will include space for the university's pharmacy, nursing, pre-med, bio-medical and engineering schools. It will be located next to the Stark Learning Center, which opened in 1957, and wrap around to the back of the building. The new facility also will contain an environmental institute and research labs, Wood said.

Wilkes will go before the city Zoning Hearing Board on Oct. 15 to request a variance to waive 133 required parking spaces and one side yard setback from the required 15 feet down to 10.36 feet in order to construct the new building.

Wood said Wilkes currently has 2,500 undergraduate students enrolled and 3,500 graduate students. He said 70 percent of Wilkes' alumni live within a 100-mile radius of the campus. The university wants to be able to attract the region's brightest students and the new building and facilities will help accomplish that goal, he said.

"We're excited about this project," said Tim Gilmour, Wilkes president. "We wanted to let you all know because we feel the downtown business community is vital to the city and to our students, faculty and employees."

Gilmour said Wilkes' reputation for excellence in the sciences requires state-of-the-art facilities to educate the next generation.

"Our new science building... while still in the planning stages — promises to promote collaboration and research among our students and faculty," he said. "More importantly, it will have significant impact on our local economy by preparing the next generation of scientists, researchers, health care professionals and engi-

SATURDAY, OCTOBER 6, 2012

become increasingly likely in coastal areas as warmer global temperatures slowly but steadily raise sea levels. Facing this reality requires policy at all levels of government that discourages Americans from making overly risky choices about what to build and where to live, lest taxpayers continually bear huge burdens when floods and other disasters hit. But that's much easier said than done. See, for example, the recent hubbub in New York City and New Jersey over a few blotches of color on new federal flood maps. The Federal Emergency Management Agency last week released its update

out of reach of future storm surges or paying many times more in flood-insurance premiums. Grants are available from various federal programs, but residents fret that the grants might not cover the full cost. The mayor of Brick, N.J., a beach town, counseled his constituents not to start rebuilding until they could challenge FEMA's new maps.

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United States should be granting not worse than FEMA's maps suggest. The maps, a FEMA spokesman explained to us, capture only the risk that these regions currently face — not future dangers associated with climate change. Structures built or rebuilt now may have to contend with those threats, and current policies will help determine how well they hold up. New York Gov. Andrew Cuomo (D), for one, is proposing to buy homes in at-risk areas and replace them with natural barriers such as dunes. That is only one possible way to toughen the country's shoreline.

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BARBARA TIMSON
Little Egg Harbor Township

THE PRESS OF ATLANTIC CITY

WEDNESDAY, FEBRUARY 13, 2013

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By BILL O'BOYLE
boboyl@timesleader.com

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Mike Wood, vice president of advancement at Wilkes, told the Downtown Wilkes-Barre Business Association Friday that the project is in its early stages, with groundbreaking expected to be in the spring of 2012.

"This project is still in the conceptual stage," Wood said. "The building will be on River Street and will overlook the River Common and the Susquehanna River."

Wood said the four-story building at 140 South River Street will include space for the university's pharmacy, nurs-

"Our new science building... promises to promote collaboration and research among our students and faculty."

Tim Gilmour
Wilkes president

ing, pre-med, bio-medical and engineering schools. It will be located next to the Stark Learning Center, which opened in 1957, and wrap around to the back of the building. The new facility also will contain an environmental institute and research labs, Wood said.

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Wood said Wilkes currently has 2,500 undergraduate students enrolled and 3,500 graduate students. He said 70 percent of Wilkes' alumni live within a 100-mile radius of the campus. The university wants to be able to attract the region's brightest students and the new building and facilities will help accomplish that goal, he said.

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SATURDAY, OCTOBER 8, 2011



SUBMITTED BY WILKES UNIVERSITY

An artist's rendering of the proposed new science building that will be built on River Street.

neers and will encourage new research and initiatives that benefit northeast Pennsylvania."

Gilmour said the university's partnerships with The Commonwealth Medical College and the work being done by the Institute for Energy and Envi-

ronmental Research for Northeast Pennsylvania are two examples of initiatives in the sciences that will create jobs and new businesses.

"And both will be enhanced by opportunities provided by an outstanding new facility," Gilmour said.

SATURDAY, OCTOBER 8, 2011



By MARK GUYDISH
mguydish@timesleader.com

WILKES-BARRE — The ninth president of King's College turned all the pomp and ceremony of his inauguration back onto the audience Friday. "This is not my inauguration," the Rev. John Ryan told a crowd at Scandon Physical Education Center, "but the inauguration of your president." The comment followed a cautionary tale of a new college presi-

dent who, during his inaugural speech, made the mistake of referring to the faculty as *his* faculty. "The faculty was quick to rid him of any delu-

A new leader for King's

"First, I was clueless as to what a presidential inauguration involved. And second, I was even more clueless as to the purpose of a presidential inauguration."

The Rev. John J. Ryan
New president of King's College

sion," Ryan said, telling him, "We aren't *your* faculty, but you are *our* president."

The Wilkes-Barre native received

See KING'S, Page 8A

DON CAREY/THE TIMES LEADER

6/13/12

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Verizon
Verizon Message Center

From: michelini@verizon.net

To: bilmul83@yahoo.com

Subject: Re: Fw: sleepymanbanjoboys - YouTube

Bill:

This is awesome and triggered some memories I started teaching college biology in 1955 straight out of the golden age of science triggered by Sputnik in 1957. Science one could imagine. It prompted active research for undergraduates in the sciences as the nation recognized superiority was being eclipsed by other nations investing in science education to its wartime high level. In 1956 I applied for and was awarded an NSF grant. Wilkes and within a year or two the students were winning conferences up and down the east coast. NSF took leave from my institution. (Alan Waterman, the founder established a policy of a constantly rotating one third practicing faculty on one year leave from their home in

One of my assignments at NSF was to participate in the scientists who were rotating through various universities home institutions.

Now to the point!

The visitors were hosted at Airie House in Virginia and plans were made to attend a national country music festival in the boondocks of Virginia. As we drove to the fairgrounds parked on both sides of the road for about a mile before the truck had a keg of beer or a whiskey bar set up and had the truck bed playing their music with a donation jar on it. The event itself was an eye opener to me, a city boy, and hogging to the foreign visitors. I never knew that country genre, no less the cultural world of this country reflected

Anyway, thanks for triggering such great memories of a long and fruitful life. It is so rare to find peers that can understand it. Terms like "Roaring Twenties", "Lindbergh Flight", "D

mail.verizon.com/webmail/public/print.jsp?wid=VZ_widget_MailOpen_1&type=mail&title=Verizon

is not my inauguration, the Rev. John Ryan told a crowd at Scandon Physical Education Center, "but the inauguration of your president." The comment followed a cautionary tale of a new college president who, during his inaugural speech, made the mistake of referring to the faculty as *his* faculty. "The faculty was quick to rid him of any delusion," Ryan said, telling him, "We aren't your faculty, but you are our president." The Wilkes-Barre native received

See KING'S, Page 8A

Thomas R. Smith, board of directors' president, left, presents the presidential medallion to the Rev. John Ryan.

DOUGLAS THE TIMES LEADER

6/13/12

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Verizon Message Center

Wednesday, Jun 13 at 2:35 PM

Subject: Re: Fw: sleepymanbanjoboys - YouTube

Bill:

This is awesome and triggered some memories I rarely have occasion to recall. I started teaching college biology in 1955 straight out of graduate school at Penn. The golden age of science triggered by Sputnik in 1957 was the greatest boon to American science one could imagine. It prompted active research support on college campuses for undergraduates in the sciences as the nation recognized the post WW II scientific superiority was being eclipsed by other nations investment. The National Science Foundation suddenly found itself flooded with money and a mandate to restore American science education to its wartime high level.

In 1956 I applied for and was awarded an NSF grant for undergraduate research at Wilkes and within a year or two the students were winning awards at Science Conferences up and down the east coast. NSF took note of that success and in 1962 I was asked to serve as an Associate Program Director in Washington on a one year leave from my institution.. (Alan Waterman, the founding director of NSF had established a policy of a constantly rotating one third of the NSF complement be practicing faculty on one year leave from their home institution.)

One of my assignments at NSF was to participate in the orientation of visiting foreign scientists who were rotating through various universities on one year leave from their home institutions.

Now to the point!

The visitors were hosted at Airie House in Virginia and to entertain them one night plans were made to attend a national country music festival somewhere in the rural boondocks of Virginia. As we drove to the fairgrounds we began seeing pickup trucks parked on both sides of the road for about a mile before we even got to the gate. Every truck had a keg of beer or a whiskey bar set up and had musicians on folding chairs in the truck bed playing their music with a donation jar on the tailgate.

The event itself was an eye opener to me, a city boy, and must have been mind boggling to the foreign visitors. I never knew that country music was even an accepted genre, no less the cultural world of this country reflected in that music.

Anyway, thanks for triggering such great memories of what in retrospect has been a long and fruitful life. It is so rare to find peers that can understand the world as we lived it. Terms like "Roaring Twenties", "Lindbergh Flight", "Depression Thirties", WW II,

6/13/12

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"Post War G I Bill", "Levittowns", "Space Exploration", and on and on.

We have been truly blessed. I hope we continue to see great things.
Warmest regards,
Mike

On 06/13/12, Bill Mulgrewcom> wrote:

— Forwarded [REDACTED]
From: Bob Pezold [REDACTED]
To:
Sent: Wednesday, June 13, 2012 9:43 AM
Subject: sleepymanbanjoboys - YouTube

sleepymanbanjoboys - YouTube

If youike banjo music, this is terrific music...

<http://www.youtube.com/user/sleepymanbanjoboys?v=J7MoWPTeYS4&feature=pyv&ad=19764705594&kw=bluegrass%20music>

Butch Bazemore

te. Fw: sleepymanbanjoboys - YouTube

oration", and on and on.

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kw=bluegrass%20music

