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Nova University

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RESEARCH OUTLAY GREATLY INCREASED

Nova University will spend more than $795,000 for instruction and research during the 1967-68 fiscal year, members of the corporation learned at their annual meeting October 16 on the campus of the new institution.

The sum represents slightly more than half of the $1,589,127 budget for the year, according to the report presented by President Warren J. Winstead. For the fiscal period which ended last June 30, $380,835.00 was spent for instruction and research.

During the year, the University "increased its assets and commitments to $9.27 million toward our first stage goal of $14.5 million, to be achieved by the end of the fiscal year 1968 and leading toward a goal of $52.6 million to be attained by the end of fiscal 1976," the president announced.

His report showed that total income and pledges received between 1963 and 1967 aggregate $10.6 million.

The institution opened Sept. 25 with 19 students and 17 faculty members.

Pointing out that "Nova University was conceived for the advanced, the gifted and the creative student, as an enclave where he and his fellows can move together in an atmosphere dedicated to education as well as scientific discovery," Dr. Winstead related:

"One of our principal concerns with the concept of the university was our ability to put it together financially, departing from the historic tradition of financing through student tuition, and depending heavily on gifts and research grants.

(Continued on page 3)
LABS IN DOWNTOWN HUM WITH ACTIVITY

Activity in the University's physics and chemistry laboratories on E. Las Olas Blvd. has been stepped up with the advent of the students of Dr. Ray Pepinsky. Already a number of research studies are in progress, among them:

Studies of the process of crystal melting, the conditions for superheating of crystals, and various physical phenomena associated with very fast thermally-induced reactions in optically transparent solids - with student Paul Viebrock.

New methods of crystal growth from solutions at elevated temperatures and pressures, with student Roller Beckhart, following methods developed by Dr. Pepinsky and extended by him at the Oak Ridge National Laboratory during the past summer.

Development and application of new X-ray diffraction techniques for examination of the time dependence of electrical polarization reversal in ferroelectric crystals, with student Joaquin Lira-Olivares, assisted by Science Education student Arthur Bardige.

Polarized infrared spectroscopic studies of ferroelectric crystal transitions, by Science Education student James Howald.

Two other individuals, both from India, are expected shortly -- Dr. Aijaz Khan, a post-doctoral fellow, to participate in X-ray and optical crystallographic studies, and Siddhartha Ray, who will complete doctoral research in the field of X-ray analysis.

Extensive equipment now housed in the six laboratories make such studies possible. Recently, R. E. Welch, Sr. of the Welch Scientific Co. of Skokie, Ill., furnished high-vacuum equipment valued at $6,000 for use here, and the North American Phillips Co. presented Dr. Pepinsky with microradiographic X-ray apparatus, also valued at over $6,000.

Professor Pepinsky and research assistant Lazlo Nemeth are constructing new optical systems for the studies of melting and fast thermally-induced reactions in solids. While at Oak Ridge, the professor extended the optical systems to the design of a new achromatic microscope and an illuminating system for an optical ultra-microscope.

During the summer, he also carried forward plans for his joint editorship of a new journal of crystal data, called Data Crystallographics. Publication will begin early in 1968, and will represent a new development in scientific documentation designed to facilitate both publication and retrieval of scientific data.

COMING OCTOBER 29!
Retail Merchants Benefit Bazaar
For The University
See Story on Page 4

Mayor Richard Marant of Dania, center, Vice President Julian Halliburton of the Dania Bank, right, and Dr. William S. Richardson of Nova University, at the seminar at the bank on October 18.

MANY MORE OCEAN SCIENTISTS NEEDED

There is a need for 3,000 more oceanographers in this country today if the United States is to have a full and effective program for making use of the resources of the seas, the University's Dr. William S. Richardson says.

Speaking at a seminar at the Dania Bank in mid-October, the Professor of Physical Oceanography declared, "We are just scratching the surface in this field. We will live to see the day of great exploitation of the sea.

"Part of the work in progress at Nova is training people to be scientists in oceanography."

It is more difficult to put a man at the bottom of the sea than to send him hundreds of miles into space, the throng of more than 200 gathered in the bank lobby was told. At the same time, Dr. Richardson said, it is more important that man learn more about the oceans, because of the many benefits to be gained -- food, minerals and power."

The seminar was an activity of the Dania Bank, arranged by President Leonard Miller and Vice President Julian Halliburton.

At the University's New York press conference held at the Waldorf Astoria Hotel Sept. 20, President Winstead is interviewed by Bob Reynolds of NBC.
NOTED SCIENTIST
Sends Documents

An important collection of documents, primarily in the field of oceanography, has been sent to the University by the noted scientist in that field, Dr. Athelstan Spilsbys. They are contained in 35 large crates, and include his reprint files.

Dr. Spilsbys, who is a member of our Advisory Board, recently left his post as dean of the Institute of Technology of the University of Minnesota, to become president of the Franklin Institute in Philadelphia. He is a consultant to the federal government in a number of areas of science, as well as to leading U.S. industries, and very active in professional circles.

The collection is housed temporarily in the Rosenthal Center on the campus, until other space is made available.

The Rosenthal Center-Education Reading Room now houses nearly 500 books on Science Education, Social Science and Psychology, plus some 50 current subscriptions, Libraries Director Robert J. Havlik announced.

Mrs. Sandra Hughes has been appointed librarian in charge there. She is the wife of student Earl Hughes, and comes from Winona, Minn.

Research Outlay (Continued from page 1)

"This past fiscal year saw the crystallization of those elements necessary for the successful financial operation of an institution of higher learning as we envisioned it."

"Our operating budget over the past three years has increased from $181,133 to the current budget of $1,589,127."

For the present year, an income of more than $650,000 is anticipated from gifts and grants, and some $679,000 from research, the president told corporation members.

An architect has been commissioned for three residence halls expected to be completed by July 1968, and for a 50,000-square-foot Science Education Center also to be completed by next summer, he announced.

The first floor of the Louis W. Parker Physical Sciences Center probably will be occupied by February.

"The most difficult task the University faced during the past fiscal year was assembling a distinguished faculty . . . and recruiting an initial student body of sufficient quality to assure the future reputation of the university," Dr. Winstead declared.

It is "a matter of pride," he added, that the institution was able to open its doors with a faculty of outstanding scholars and hand-picked students, 17 of whom have masters' degrees.

NOTED NEW YORK WOODWIND QUINTET

CHAMBER MUSIC SERIES
TO BEGIN THIS MONTH

A performance of the noted New York Woodwind Quintet will introduce the second year of the Nova University Chamber Music series on Nov. 13, in the McGaw Fellowship Hall of the Second Presbyterian Church in Fort Lauderdale.

This quintet has maintained a position of eminence in its field for a period of 15 years, through numerous concerts at home and abroad, television and radio appearances, and highly praised recordings.

The U.S. State Department has honored the ensemble with invitations to tour abroad on three different occasions, involving visits to Europe, South America and the Orient. At home, the quintet continues to tour from coast to coast, appearing year after year on the most important concert series in Canada and Alaska as well as the United States.

Members of the quintet are Samuel Baron, flute; David Glazer, clarinet; Ralph Froelich, horn; Ronald Roseman, oboe, and Arthur Weisberg, bassoon. Each is a virtuoso in his own right, and together have won the acclaim of critics everywhere.

Subscriptions to the Nova University Chamber Music Series, consisting of three concerts in all, are available at $12. Tickets for individual performances are $5 for adults, $2.50 for students. Tickets will be available at Jordan Marsh and from Mrs. Merrill Rose at the University, phone 525-6771.

I wish to subscribe to the Nova University Chamber Music Society Concerts at $12.00 per season subscription. Enclosed is my check for $_______.

Name__________________________
Address__________________________
City, State, Zip______________________

(Continued from page 2)

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(Continued from page 2)
James Donn, Jr., who is prominent in business circles of both Broward and Dade counties, has accepted an invitation to join the University's Board of Trustees, Chairman James Farquhar announced following the annual meeting of the corporation. Donn is president of Gulfstream Park Race Track in Hallandale.

He serves as Vice Chairman and a Director of the Bank of Hallandale, a director of the United Fund of Broward County and a member of the Council of the Broward Industrial Board.

In the past he has been a director of the Hallandale Chamber of Commerce.

Donn also is a director of the Eaton Foundation of the University of Miami, and a member of the La Gorce and Miami Shores Country Clubs. He is a prominent big game hunter, making regular treks to Africa to pursue this hobby, and having entries in the Rowland Record Book, the authoritative publication of big game hunting.

Two of his three children are students at Florida Atlantic University in Boca Raton.

Marine Biologist (Continued from page 1)

University of Louisville and a Master's at Florida State, and was a research associate at the University of Washington before going to Woods Hole in 1956 as an associate scientist.

Yentsch is the author or co-author of about 30 scientific publications in biological oceanography. He was the biologist in charge on a University of Washington expedition to the Gulf of Alaska in 1954, and since then has been on several other major oceanographic cruises in the equatorial Atlantic and the Caribbean.

Oceanography students at work: George Weatherly, left, and David Parrish at the blackboard, Robert Kendall seated left, Ernest True seated right, in the library of the floating laboratory.