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Nova University News, June 1969

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NOVA UNIVERSITY NEWS

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GERMFREE CENTER TO MOVE IN SOON

The Germfree Life Research Center presently established in Tampa will move to the University campus later this month to become the nucleus of the Life Sciences Center, with some 22 people, \$250,000 worth of equipment and continuing support in the form of grants amounting to more than \$200,000 annually.

Arrival of this group will constitute one of the most significant gains made since the University was founded.

The GLRC is one of the leading cancer research centers in the nation, and one of the few in the world working in the area of germfree animals, reared from birth in a totally sterile environment. It is supported by grants from health agencies dedicated to cancer research.

Its director, Dr. Joel Warren, is preparing to make it the center of a dynamic organization embracing a number of satellite laboratories, each one dedicated to a phase of cancer research. This Life Sciences Center will offer the Ph.D. degree specifically in this field.

Some \$300,000 is being invested in building rooms and special facilities for the GLRC on the third floor of the Parker Physical Sciences Center.



Construction of facilities for the Germfree Life Research Center on the third floor of the Parker Physical Sciences Center is inspected by Dr. Joel Warren, left, and electrical foreman Robert Smith. Dr. Warren is director of the Center.

IMPORTANT LIFE STUDIES PLANNED

Cancer research work scheduled to start at the University this fall can lead to increasingly important studies in such fields as the freezing of human tissue for use in transplants far in the future, the Director of the University's Life Sciences Center says.

Dr. Joel Warren, who is preparing for the movement of the Germfree Life Research Center to the campus, discussed before the Fort Lauderdale Chamber of Commerce on June 6 his work with animals reared in a completely sterile environment.

By September or October, he said, the laboratory in the Parker Physical Sciences Center, with its array of stainless steel isolators, should be ready for viewing by the public.

Describing the technique of freezing tissue for use years later, he explained that such tissue, when injected back into the body from whence it came, helps the body to accept organs or grafts from other individuals.

He predicted the arrival of the day when "a little piece of tissue will be snipped off every child as it is born, placed in a bottle, designated with the child's Social Security number or something similar, and put away in a regional freezing center, perhaps something like Fort Knox.

"Then, if this individual years later needs a new heart or kidney, or a skin graft in case of a burn, the frozen tissue can be taken out and used to help in the transplant."

Dr. Warren said of the Germfree Life Research Center: "There is nothing like it in Florida, and few things like it in the world."

DR. JONES HONORED

Dr. Robert J. Jones, Assistant Professor of Psychology at Nova University, has been elected president of the Broward County Psychological Association.

FOUNDING TRUSTEE, W. H. ALLEN, DIES

The University family has been greatly saddened by the death of one of its Founding Trustees and strongest supporters in the Fort Lauderdale community, W. Howard Allen.

Mr. Allen, president of the First National Bank in Fort Lauderdale, died at his home May 31 of a heart condition. He was 60 years old.

In a testimonial to Mr. Allen delivered to the Board of Trustees at its June 4 meeting, Board Chairman Farquhar declared: "He will be long remembered by his peers on this Board as a positive influence in the formation and development of Nova University, and for his invaluable assistance during its critical formative years."

Mr. Allen was a native of Clyde, N.Y., and attended the U.S. Military Academy for one year before a football injury forced him to leave the service. He later graduated from Colgate University, became a high school teacher and athletic coach at Gowanda, N.Y., and entered the financial profession with the Bank of Gowanda in 1937.

He came to the Fort Lauderdale National in 1954 as a vice president, and became president in 1961.

Mr. Allen was widely known in the area for his tireless civic efforts with a large number of organizations, such as the United Fund, Heart Fund, YMCA, Salvation Army, Junior Achievement and Community Concerts. He served as a U.S. Navy officer in the Pacific in World War II.

HOLLYWOOD WOMEN HONORED AT BRUNCH

Dissident college students and extremist groups across the nation are attacking campus libraries "because the libraries are the focal points of student life and in this way the militants bring more attention to their activities," the Libraries Director of Nova University says.

Robert J. Havlik, speaking to the Hollywood Women's Division of Nova University at the home of Mrs. Henry D. Perry, Jr., in Miramar, compared these attacks to the book burnings of the German Nazis prior to World War II.

The noted poet Archibald MacLeish, Havlik said, "writes that the Nazis paid unconscious tribute to the libraries of the world, by making it clear that their concepts could only exist in a desert devoid of culture."

Libraries at the Universities of Illinois and Indiana, and at Brandeis University, have come under attack, as well as those at Cornell and Columbia, the speaker related.

(continued — right)

DR. HANDLER GETS MEDICAL AWARD

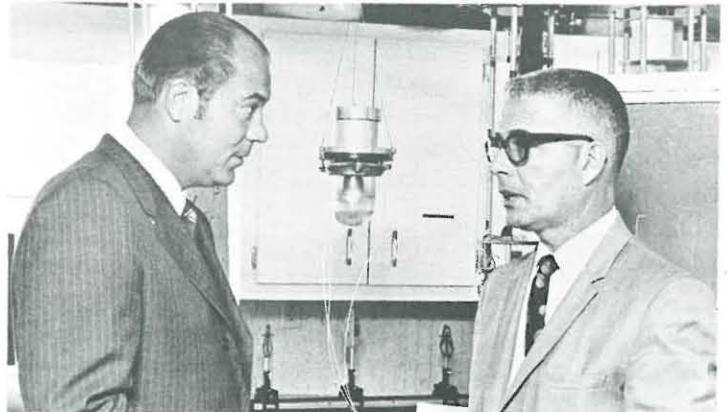
A member of the University's Advisory Board, Dr. Philip Handler, who is president of the National Academy of Sciences, has been additionally honored as winner of the American Medical Association's Scientific Achievement Award for 1969.

Dr. Handler is chairman of the Biochemistry Department at the Duke University School of Medicine. He will be presented with his award at a dinner on July 15 in New York, during the AMA's 118th annual convention.

He is being honored for distinguished work with the National Science Foundation and the National Institutes of Health, and for research which over the years has covered the areas of niacin and choline deficiency, intermediary metabolism, renal mechanisms and hypertension, biological oxidations, enzyme action, and evolution.

Dr. Handler, who visited the University with other Advisory Board members in March, has been at Duke for nearly 30 years. A native of New York, he received his Ph.D. from the University of Illinois and began teaching at Duke in 1939.

He is chairman of the National Science Board, policy-making body of the National Science Foundation, has served since 1951 as a consultant to the Veterans Administration, and in 1964 was a member of the President's Commission on Heart Disease, Cancer and Stroke.



Chairman of the Broward County Commission, Robert Barkelew, right, is shown on a visit to the Oceanographic Laboratory chatting with Edward J. Marko, president of the Nova University Association. Other members of the County Commission also inspected the laboratory, prior to a luncheon at which they were awarded a plaque for their contribution to oceanographic research in Florida.

"At Indiana, the militants set fire to the library twice, doing \$500,000 damage each time," the Nova staff member said. "At Illinois they destroyed selected library cards and did \$50,000 in damage."

The occasion was the annual meeting of the Hollywood women's organization which helps support the Nova University libraries. Mrs. Elbert McLaury greeted about 50 members and guests. Mrs. Perry stressed the importance of maintaining their memberships and seeking new members.



Ray E. Titus of the University's recently-formed Anchor Club accepts title to the DMZ houseboat given to the University by Clyde Deal through broker William Breen, left.

THREE MORE BOATS GIVEN TO PROGRAM

Two more boats have been donated to the University in support of the oceanographic research program in recent weeks, and still another is expected. Those which have been received are a 48-foot houseboat given by Clyde Deal of Southampton, N.Y., and a 21-foot Chris-Craft inboard given by Kenneth Langley of Fort Lauderdale and Hampton, N.H.

Mr. Deal gained international prominence in the early 1950's with a voyage alone around South America through the Strait of Magellan in a 33-foot sloop without engine.

His houseboat, built in 1965 and handsomely furnished, has a one-story superstructure on which another deck can be added. It has a spacious living area, air conditioning, an all-electric kitchen and sliding glass doors. The hull is of fiberglass.

The oceanographic group contemplates using it as quarters for visiting scientists.

Donation of the craft was arranged through yacht broker William J. Breen of Breen-Fisher Associates. Donation of the 21-foot boat was accomplished by Robert O. Cox, owner of the Lauderdale Marina and a long-time friend of the University.

OCEAN RESEARCH MOVING TO BAHAMAS

Focus of research in the ocean currents by the Oceanographic Center will be moved to the Bahama Islands about the end of June.

One group under Dr. William S. Richardson will work out of Hopetown on the island of Abaco, and another under Dr. Russell Snyder will concentrate on the bight of Abaco. Dr. Richardson will be continuing his studies of the Gulf Stream and Dr. Snyder his research on the effects of tidal movement in the bight. The work will require five or six weeks.

The marine biology group under Professor Charles S. Yentsch will continue its research on photosynthesis in ocean waters at the Fort Lauderdale laboratories during the summer.

PARKER BUILDING SCENE OF ACTIVITY

The Parker Physical Sciences Center has been the focus of much activity in recent weeks, with construction work in progress on the third floor, the main gallery occupied by the exhibit on atomic energy from the Oak Ridge (Tenn.) National Laboratory, and new carpeting in place in the library.

Work on the third floor is being carried on, of course, in preparation for the arrival of the Germfree Life Research Center from Tampa late in June. Dr. Joel Warren, director of the Center, has been supervising the building of rooms and the installation of special utilities connections. Next step will be the installation of the elevator necessary for lifting the \$250,000 worth of equipment which will be brought in for the use of the GLRC.

The new carpeting in the library was provided by the Library Society by means of membership dues and various fund-raising activities. Its Directors recently voted to donate also a 60-drawer card catalog cabinet to replace the library's present inadequate one.

Students from several public schools visited the Parker Building to inspect the exhibit on atomic energy.



Elementary school pupils from Wilton Manors visited the Parker Center to see the Atomic Energy exhibit from Oak Ridge National Laboratory. Libraries Director Robert J. Havlik explained the significance of the diagrams.



'New Look' in the main library, with attractive carpeting on the floor, is admired by board members of the Library Society, Mrs. O. Edgar Williams, left, and Mrs. Charles Nutter. The Society met the cost of the carpeting.

COMPUTER BREEDS PROBLEM-SOLVERS

That computer chattering away there on the first floor of the Rosenthal Center, grinding out data on a seemingly endless roll of paper -- exactly what is it for? Many visitors to the campus ask that question.

One answer is that with its capability of performing 130,000 calculations per second, it solves in seconds equations that would take individuals many days to work out by hand.

Another answer is that it makes a practical goal out of the University's aim of "developing question-askers and problem-solvers rather than creating an institution of departmentalized structures," in the words of Dean A. S. Fischler.

The computer, an IBM 1130, permits each student or faculty member to store a nearly limitless amount of information in a personal library, using magnetic disk cartridges the size of a phonograph record. One disk will store more than a million characters of information, which can be retrieved by the computer at the rate of 8,000 characters per second.

Through the use of an IBM communications adapter, the 1130 also becomes a long-distance communications tool, enabling users to tie into computer-stored data libraries at other universities via telephone lines.

It can be linked within seconds to a large computer at the University of Utah, for example, simply with the dialing of a telephone number.

This technique, known as tele-processing, will be used later to link the Nova campus with other university campuses as well as other Nova centers, such as the oceanographic research facility to be built on the Intracoastal Waterway at Port Everglades.

As Dr. Robert J. Jones, Assistant Professor of Psychology, explains: "There is so much data available, and there are so many multi-variant analyses possible with this data, that it can all be measured only by the computer."

Dr. John M. Flynn, Assistant Professor of Educational Psychology, is director of the Computer Center.



University Computer Center, with Dr. John Flynn, standing, and student Michael Yost working out a problem.

NU ASSOCIATION HOLDS LUNCHEONS

A pyramiding series of luncheons is being successfully conducted by the Nova University Association for the purpose of broadening the base of community support for the institution and encouraging decade memberships and life memberships.

Under the leadership of President Edward J. Marko, about a dozen lawyers, judges and doctors attended the first luncheon and agreed to help bring out friends for a second. The result was more than 25 for the next gathering, and preparations now are being made for an even larger third session.

The luncheons are being held at the Governor's Club Hotel in Fort Lauderdale, with such persons as Dr. Winstead, Dr. Richardson, Dr. Warren and Dr. Fischler as speakers. Those attending are brought up to date on the University's progress and plans for the immediate future.

At the most recent meeting, Dr. Richardson, Gulfstream Professor of Oceanography, stressed the importance of his group's research work; and Dr. Fischler, James Donn Professor of Education, explained his organization's aim of creating "a new kind of person for the educational establishment" of the future.

Nova University Association members currently are renewing their annual memberships at \$15 for the regular type, \$100 for Decade Memberships, and \$500 for Life Memberships.

MRS. HAVLIK HEADS NOVA WIVES GROUP

The Nova Wives, who sponsored the well-attended picnic in Birch State Park on May 17, have elected new officers. President is Mrs. Robert J. Havlik, wife of the Director of Libraries.

Mrs. Angelo Cangiamila is vice president; Mrs. Abraham S. Fischler is treasurer; Mrs. Roy C. Herndon is recording secretary, and Mrs. Joel E. Warren is corresponding secretary.

The picnic was the final unofficial event of the year with more than 75 people present. Mrs. John Flynn was chairman, and games were conducted by the Nova Student Wives group.

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