Fall 10-1-1970

Nova University News, Fall 1970

Nova University

Follow this and additional works at: https://nsuworks.nova.edu/nsudigital_novanews

NSUWorks Citation
https://nsuworks.nova.edu/nsudigital_novanews/48

This Newsletter is brought to you for free and open access by the NSU Early Publications at NSUWorks. It has been accepted for inclusion in Nova News by an authorized administrator of NSUWorks. For more information, please contact nsuworks@nova.edu.
President Fischler delivers remarks on the future course of the University and its affiliation with NYIT.

**DR. FISCHLER MADE THE PRESIDENT**

Dr. Abraham S. Fischler, a nationally recognized authority on individualized instruction, team teaching, and science curriculum, became president of the University on Sunday Oct. 4 in investiture ceremonies held in the Mailman-Hollywood Center.

Dr. Fischler came to Nova in 1965 as dean of education, leaving a full professorship at the University of California in Berkeley. He became dean of graduate studies, James Donn Professor of Education, and director of the Behavioral Sciences Center. Last year he was made executive vice president and acting president; in July of this year the Board of Trustees designated him president.

Dr. Fischler was educated at the College of the City of New York, New York University, and Columbia University. He is the co-author of a textbook series of elementary and junior high school science students, a Ford Foundation consultant in science education to the governments of Chile and Argentina, and to numerous public school systems in the Eastern and Western U.S. He is considered an innovator in both public school and university-level education. He has published more than

(Continued page 2)

**DR. SCHURE TO BE INVESTED, MAILMAN CENTER DEDICATED**

The affiliation of Nova University and the New York Institute of Technology will be formally cemented on Nov. 15 when Dr. Alexander Schure, president of the Institute, is invested as the chancellor of the University. The ceremonies will take place outdoors before the recently completed Mailman-Hollywood Center, and the $1.6 million center will be dedicated on the same occasion.

Dr. Schure himself, a respected industrialist as well as an educator, a consultant to the United Nations, to the New York State Board of Regents, and to the U.S. Office of Education, a recognized authority in the field of business and vocational learning, will deliver the principal address.

The ceremonies are to begin at 3 p.m. and will be followed by an informal reception at the Emerald Hills Country Club. Dr. James Farquhar, chairman of the Board of Trustees, will invest Dr. Schure with Dr.

(Continued page 2)
DR. FISCHLER (Continued)

30 articles, dealing primarily with teaching techniques and strategies, teacher skills and behavior, learning concepts, creative teaching, and the effects of teaching patterns on children.

Dr. Fischler is an advisor to numerous companies involved in producing educational materials. His science textbooks are published by Holt, Rinehart and Winston, Inc. and he is the author of a volume called “The Teaming of Principals Project”, a report to the Fund for the Advancement of Education.

He graduated from City College in 1951 as a Bachelor of Social Science in biochemistry, earned a master’s degree in science education at NYU, and a Doctor of Education degree in the same field at Columbia, completing his doctoral studies in 1959.

He taught biology, general science, and psychology in Ossining Junior-Senior High School from 1952 until 1956, then was made science supervisor of the Ossining Public Schools. In 1959 he went to Harvard’s Graduate School of Education as an assistant professor; in 1962 he went to Berkeley as an associate professor of education, and was made a professor of education three years later.

Dr. James Farquhar, chairman of the board of Nova University, invested Dr. Fischler with the symbols of the presidency Sunday in afternoon ceremonies in the newly completed Mailman-Hollywood Education Center on the campus. Honorary degrees were bestowed upon Dr. Alexander Schure, president of the New York Institute of Technology, with which Nova is affiliated, and Medill Bair, superintendent of schools of Hartford, Conn., who delivered the principal address. On Nov. 15, Dr. Schure is to be installed as chancellor of Nova, and the Mailman-Hollywood Center will be formally dedicated.

The occasion served to introduce University supporters formally to the New York Institute of Technology, with which Nova became affiliated last July 1, and to NYIT officials and executives. Dr. Alexander Schure, president of the Institute, was awarded the honorary degree of Doctor of Engineering Science. Dr. Fischler spoke in detail of the progress that is anticipated from the affiliation, and the roles of the two institutions in a joint expansion of their educational goals. (See excerpts from his remarks elsewhere in this issue.)

Medill Bair, superintendent of schools of Hartford, Conn., delivered the principal address, a significant report on the kind of higher education today’s public school students will demand, and was awarded the honorary degree of Doctor of Humane Letters.

It was the first important occasion to be held in the auditorium of the recently completed Hollywood Education Center, with Dr. James Farquhar, chairman of the University Board of Trustees, presiding. The throng of about 300 listeners overflowed the auditorium into the library, where they viewed the ceremonies on closed-circuit television.

DR. SCHURE (Continued)

Fischler presiding. A special event will be recognition of the original members of the Board of Trustees.

The Mailman-Hollywood Center is named for the community of Hollywood and for Dr. A. L. Mailman, financier and philanthropist, who as special gifts chairman of the Hollywood Founders of Nova University was a major donor and responsible for raising a good part of the $1.1 million contributed by Hollywood residents for construction of the building. Co-chairmen of the campaign were William D. Horvitz, prominent land developer, and Sherwood Spencer, a leading attorney.

The building, designed by architect James M. Hartley of Hollywood, is one of the most advanced centers for educational research in the southeastern United States. It has extensive computer equipment, provided in large part by a Fort Lauderdale manufacturing firm, Systems Engineering Laboratories. Its facilities include a spacious two-story library, a lecture hall-auditorium, a television studio to be equipped later, administration offices, seminar rooms and classrooms. The building houses the Behavioral Sciences Center of the University, headed by Dr. Fischler; the Institute for Human Development, headed by Dr. Marvin Rosenblatt and Dr. Robert Jones, and the principal University administrative activities.

PLANS LAID FOR BUSINESS PROGRAM

The University is moving toward an educational concept under which persons in business and industry will be able to earn college degrees without leaving home.

President Abraham S. Fischler announced the plan in a report to directors of the Broward Industrial Board, saying, “We hope that a year from September we can launch a Master’s degree program in business administration using this concept.”

He encouraged executives of business and manufacturing firms in the area to “come to us and tell us what you need. The program won’t work,” he added, “unless we know what is needed.”

Within the plan, Dr. Fischler said, “we are finding ways in which people can earn degrees without having

(Continued page 7)
TIARA BALL SET FOR NOVEMBER 12

In the magnificent setting of the famous Roca Raton Hotel and Club, the first of the season’s benefit events for the University will be held on Nov. 12 -- the formal Tiara Ball, sponsored by the Royal Dames of Nova University on behalf of the cancer research studies of the Life Sciences Center.

Arranged by Mrs. Bernard Castro, who is president of the Royal Dames and originated the Ball last year, the affair will feature the music of the nationally noted band leader, Ray Bloch, and his society orchestra. It will begin at 7:30 p.m. with cocktails in the Cloister Garden of the hotel, and progress to dinner at 8:30 in the Cathedral Dining Room.

Serving as honorary chairman for the Ball are Mrs. James Farquhar, wife of the chairman of the Board of Trustees; Mrs. Abraham S. Fischler, wife of President Fischler; and Mrs. Leo Goodwin, Jr., whose husband has been active in University affairs as a trustee.

Carrying out the arrangements are the members of the Royal Dames: Mrs. David Frederick Austin, Mrs. Loren M. Berry, Mrs. Curtis E. Clifford, Mrs. John M. Cusack, Mrs. Nancy Falkenstein, Mrs. James Farquhar, Mrs. Hamilton C. Forman, Mrs. G. Russell French, Mrs. Victor Goettel, Mrs. John R. Hopstetter, Mrs. Francis T. McCahill, Mrs. William Maurer, Mrs. Robert E. Mitchell, Lady Greta Oakes, Mrs. William R. Runnstrom, Mrs. A.J. Ryan, Sr., Mrs. Bruno C. Schmidt, Mrs. Earle M. Scott, Mrs. Kelly Y. Siddall, Mrs. Nicholas J. Tweel, Mrs. Joel Warren, Mrs. Chapman White, Mrs. Warren J. Winstead, and Mrs. Sixten Wollmar.

Funds raised by the ball will be used to further the work of Dr. Joel Warren, director of the Life Sciences Center, in several aspects of abnormal cell growth. A new section of the laboratory has just been completed under a $125,000 grant from the Jozef Osswald Foundation of Fort Lauderdale.

DR. RUBIN HEAD OF CONTINUING ED

An international authority on education curriculum, who is a consultant to the United Nations and to the Peace Corps, as well as to the U.S. Office of Education, has been appointed dean of continuing education at the University.

President Abraham S. Fischler announced the selection of Dr. Louis J. Rubin, who was director of the Center for Coordinated Education at the University of California in Santa Barbara before coming here. He was in Paris this year on work for the United Nations, was a participant in the International Invitational Conference on the Brain in Italy and the Second International Conference on Teacher Education in Berlin during 1968, and with the Peace Corps in Ethiopia in 1966.

Dr. Rubin is directing the development of Nova University courses that will link the institution’s programs more closely with the specific educational needs of the community, Dr. Fischler said.

He earned a bachelor’s degree from San Francisco State College and a master’s from the University of California at Berkeley in musicology, and took his Ph.D. at Berkeley in curriculum.

Prior to going to the Center for Coordinated Education in Santa Barbara in 1965, he was associate director of the Coordinated Education Project there, and a curriculum consultant to the Ventura County (Calif.) public schools. He consults with the U.S. Office of Education on the operation of its regional laboratories and is a project reviewer for the USOE’s Bureau of Research.

Dr. Rubin is the author of some 35 published Continued page 8
"FOUR YEARS AGO — JUST AN IDEA AND A DREAM"

From Dr. Fischler’s address at his investiture:

"Four years ago, when I arrived at Nova University, there were few faculty and staff members, no students, no campus — just an idea ... a campus site in Davie and dedicated people with a dream — among them several present here today.

"Last May, with six buildings completed, we graduated our first five Ph.D. students, all of whom are making their contribution already in the field of teaching and research.

In looking back, we can all take pride in this early period of growth and development of Nova University. While this stage of infancy (as I think of it) required much nurturing, tender loving care and dependence; and covered many faltering footsteps, it did allow us to unify and solidify as an Institution. During this period, Nova University also developed the beginnings of its personality. It dedicated itself to quality, to research on relevant and important problems, and to providing services for the Broward County community. The community at large, the Trustees, and many others worked hard to nurture the Institution through these dependent years. Like all infants, we had our difficult periods but, like most, they fade away.

"Now Nova University is moving into a new and exciting phase of development. With the affiliation of Nova University and the New York Institute of Technology, we have brought together two complementary Institutions. If one had to plan for an affiliation, it could not have been better planned. No one person can take credit for this; yet, serendipity takes on great meaning if one looks at the events which brought these two Institutions together.

"New York Institute of Technology, an accredited four-year undergraduate Institution committed to an innovative system of education, desires of moving toward the development of graduate programs; Nova University, on the other hand, a Ph.D. granting Institution innovative in its educational program, looking to move into bachelor's and master's degree programs. The affiliation of these two technical Institutions provided for a truly symbiotic relationship.

"Nova University can profit from the programs at New York Institute of Technology, their intellectual resources; as well as the administrative skills which are essential for Nova University to reach the goals set by those who founded the Institution in 1964. In return, Nova University has a fine group of academicians with high level research skills; Ph.D. programs in the Behavioral Sciences and Oceanography; with excellent capabilities of moving into graduate programs in the Life Sciences shortly.

"Nova University shall take primary responsibility for developing graduate programs on the campus of the New York Institute of Technology; jointly we shall develop Master's programs; and Nova University can capitalize on the undergraduate programs already established and accredited at New York Institute of Technology.

"We are fortunate to find at New York Institute of Technology such human resources as Dr. Schure, the president, and Dr. Salten and Theobald, as vice presidents. Spending a week with these individuals, as I did during the summer and fall, is more than equivalent to a master's degree in administration, or in curriculum and instruction.

"During our next period of growth, we plan to embark on a series of new programs developed jointly with the business and industry community of Broward County. These programs will have to be developed carefully and in concert with those industrial and business leaders who know the needs of Broward County and also understand the capabilities of both the New York Institute of Technology and Nova University. Nova University, still young, can develop a variety of flexible methods of organizing its programs to capitalize on the availability and talents of those in industry.

"We can also provide the opportunity for students to receive relevant training in the various establishments within Broward County. For example, next fall we shall begin a master's degree program in business administration utilizing the method of on-campus seminars, blended with independent study. Accountability, a key word in education, will be built into the various curriculum modules; thus, assuring high quality graduates based on high performance standards.

"This fall, we are offering three master's degree programs; one in Early Childhood Education, the second in Counselling and Guidance and a third in Curriculum and Instruction. Although these are now offered in a traditional mold, hopefully, during the next three years these will evolve into an organizational pattern which will provide opportunities for students to combine practical experience, independent study, and intensive seminars.

"Next year, we shall start a Ph.D. program in the area of Life Sciences under the direction of Dr. Joel Warren, and we will expand our Oceanographic program under the direction of Dr. William Richardson now that we have new quarters located at Port Everglades. Our Oceanographic Research Center has been engaged in important research over the past few years. In fact, a major breakthrough has occurred this past year as Dr. Richardson and his staff perfected a technique of
measuring ocean currents from an airplane, rather than using the more traditional methods of dropping buoys from the side of boats. This Laboratory has been receiving approximately $600,000 per year in research contracts.

"We also have on campus two new Institutes - the Institute of Human Development under the direction of Dr. Rosenblatt and Dr. Jones, and the Institute For Professional Growth under the direction of Dr. Louis Rubin, our newest addition to the faculty from the University of California, Santa Barbara.

"Thus, one can easily see how these many developments have led us out of our infant stage. However, we are still learning, our personality can still be altered, and we are still able to try new and innovative ways of establishing educational programs. Institutions of higher learning tend to be rather conservative. Professors establish courses and programs and, when institutions attempt to modify or change, they must do this by adding new programs and waiting for old professors to fade away. In many institutions, departments are still functioning as single units when the problems they are attempting to attack require interdisciplinary teams.

"Nova University has tried to avoid this problem. By organizing ourselves into multi-disciplinary centers, we have provided the means for studying problems which man faces in relation to man, as well as problems of man in relation to his physical environment. As organized research centers, we can generate proposals and acquire the necessary funding to carry on significant research. In Oceanography, in addition to studying the distribution of currents in the Gulf Stream, we are studying the problems of water pollution on the Atlantic shelf. In the Behavioral Sciences, we are studying the problems of schooling in the urban setting of Hartford, Connecticut, as well as the problems of institutional change. Of course, our Life Science Center is engaged in the study of atypical cell growth utilizing germ free animals.

"The next five-year growth period should be even more exciting and rewarding. With the near completion of the first phase of our building program, thanks to such large donors as Dr. Parker, Mr. Rosenthal, Dr. Mailman and Dr. Farquhar, we can now concentrate more fully on program development.

"As president, I shall do all that I possibly can to reach the goals established by the founders of Nova University. The task is not easy, for the goals are high. But the task of sending men to the moon has not been easy either. However, through a strong concentrated effort of many individuals and agencies, it became a reality. With the faculty assembled at Nova University, with our new affiliation with the New York Institute of Technology, with the continued support of all of you here today and with God's continued guidance, I have confidence that we shall accomplish our task - that of bringing to Broward County an outstanding, non-profit University of which you will all be proud."

Dr. Medill Bair speaks of the demands that today's public school students will make on universities in the future.

JUDY GARLAND CAR MAY EQUIP STUDIO

The University hopes to equip its new television studios with proceeds from the auctioning of a limousine that formerly belonged to the late Judy Garland.

Bids on the 1965 Cadillac are being taken by mail and telephone, Comptroller Arthur Karel related. As much as half of the price paid by the purchaser may be tax deductible, he said.

The limousine was recently acquired by two local residents who have made it available to the University. The authenticity of the ownership has been documented, Karel said.

Once the car was equipped with a radio-telephone with which Miss Garland could keep in touch with her daughter, Lisa Minelli, wherever in the world she might be. This was later removed.

Auction proceeds will be used to purchase equipment for the studio where the university intends to stage its own telecasts and make educational tapes, President Abraham S. Fischler said.
OCEANOGRAPHY LAB NEARLY FINISHED

The newest oceanographic research center in the U.S. Southeast is taking shape on the Intracoastal Waterway opposite Port Everglades, with Nova University's first building on the site nearly completed. The 17,000-square-foot structure is a multi-purpose center designed to house a variety of laboratories as well as administrative offices and other facilities while the remainder of the ten-acre site is being developed.

Activities of the university's Environmental Sciences Center, directed by Dr. William S. Richardson, are to be moved to the port location this fall from the temporary location established five years ago on S.E. 15th St. in Fort Lauderdale.

The site, made available by the County Commission, is a short boat run from the Gulf Stream, where most of the research work is performed, through the Port Everglades Inlet. This proximity makes it one of the most desireable on the U.S. east coast, from the viewpoint of oceanographers.

Facilities include a boat basin large enough to accommodate a number of research vessels.

Nova oceanographers presently are carrying out studies for the Office of Naval Research, the Atomic Energy Commission and the National Science Foundation, along with a special project on perfecting techniques for taking ocean water temperatures and measuring current movements from aircraft.

Nearing completion on the new oceanographic research site at Port Everglades is the first building, an all-purpose structure to house offices, laboratories, and storage space. Photo from across the boat basin makes it seem that the high-rise apartments of Fort Lauderdale beach are adjacent. Actually they are across the Port Everglades Inlet.

DR. RICHARDSON ON COAST GUARD PANEL

Dr. William S. Richardson, Nova University professor of physical oceanography and head of the Environmental Sciences Center, has been appointed to the Scientific Advisory Committee of the U.S. Coast Guard. He attended the first meeting of the committee at the Western White House in San Clemente, Calif., starting Monday Oct 5 - 7.

Committee members advise the Coast Guard on the scientific aspects of various phases of the Guard's work, such as operations, search and rescue, and environmental oceanographic problems.

Dr. Richardson, who has just completed a term as chairman of the Advisory Committee on Oceanography to the National Science Foundation, recently undertook a new research project for the Coast Guard, involving the measurement of ocean currents from aircraft.

At the Nova oceanographic laboratory, he is carrying out a one-year study designed to develop an operational system for taking such measurements. It involves dropping devices from planes and charting their movements.

In the interests of both time-saving and reduction of research costs, the professor explained, "we're trying to get the airplane into the oceanography business."

A twin-engined plane such as is presently being used, he said, can be operated for about 30 cents a mile.

"In comparison, using a small research vessel like ours costs about $2 a mile, and using a large research vessel can cost from $10 to $20 a mile."

Dr. Richardson's study, funded by the Coast Guard in the amount of $20,000, is based on a method which involves dropping from the aircraft a small expendable probe that falls rapidly to the bottom of the sea. At the bottom it separates into two parts, one of which releases immediately and rises to the surface. The other is delayed on the bottom for a fixed time, then releases and comes to the surface.

The positions of the two parts on the surface give the key to the flow of the currents.

Dr. Richardson, who designs and builds many of his own instruments, said the method has been tested with simple floats made in the Nova laboratory, with a clock mechanism from a kitchen stove timer giving a five-minute delay in the release of the section left on the bottom of the sea. When the floats arrive at the surface, he said, they can emit smoke or dye which can be photographed, or the separation distance can be measured by a simple optical factor.

Results of the tests, Dr. Richardson told the Coast Guard, "encourage us to believe the technique should be developed into a usable system for research and

Continued page 8
STUDENT ROSTER FOR NEW YEAR

Registration day for the new year, on the mezzanine of the library, with President Fischler at right chatting informally with the students. In foreground are Dr. A.W. Wishart, director of admissions, and his secretary, Donna Toncre.

Doctoral degree candidates enrolled in the University for this year are:

CONTINUING STUDENTS --

Science Education: Alan R. Herrin, B.S. Chemistry, Northeast Oklahoma State, M.S. General Science, Oregon State; Richard H. LaRue, B.S. Math, University of Minnesota, M.A. Math, University of South Dakota; Steven R. Michelson, B.A. Biology, Clark University; Edward R. Simco, B.S. and M.S. Physics, University of Pittsburgh; Robert A. Lehman, B.S. Natural Science, Wisconsin State, M.Ed. W. Washington State.

Educational Research: Marlene Mitchell, B.A. Elementary Education and M.S. Education, Queens College; Donald E. Myers, B.A. History, Indiana Cent. College, M.S. Educational Research, University of Dayton;

Oceanography: Bruce C. Burgener, B.S. Chemistry, San Diego State, M.A. Physical Science, San Diego State; David F. Parrish, A.B. Math, University of California; Alexander J. Brinco, SB Electrical Engineering, Ind. Mgt., MIT, SM Physical Oceanography, MIT; Robert O. Plaisted, BEE Electrical Engineering, University of Florida, MSEE Electrical Engineering, Northeastern University; Georges L. Weatherly, B.S. Physics, University of Virginia, A.M. Engineering-Physics, Harvard; Gary Williams, SB Chemical Engineering, and MS Oceanography, MIT.

NEW STUDENTS --

Behavioral Sciences: Barbara J. Calhoun, BA Psychology, Austin College, MS Clinical Psychology, Purdue University; Joseph D. Clement, BA Psychology, California State, MS Psychology, University of Alberta (Canada); Harold L. Daniel, BA History, Yale University, Bd Theology, Southern Methodist; Nancy J. Fryman, BA Psychology, Hollins College, MS Psychology, Marshall University; Albert J. Mainardi, BS Equivalent Chemistry and Engineering, University of Argentina, MS Physics and MA Psychology, University of Puerto Rico; Theodore A. Moeller, AB Psychology, Drury College; Stanley L. O’Dell, AB Psychology, Drury College; Marvin D. Patterson, BA Biological and MA Science Education, San Jose State College; Helen Regier, BA Psychology, Moorhead State College; Merrill Schauers, BA Psychology, California State College; Anne Weston, BA Psychology, Pennsylvania State University; Robert J. Zielinski, BS Psychology and MA Theology, St. Mary’s on the Lake, and MA Psychology, Roosevelt University.

Science Education: Leonard M. Weissman, BS Chemistry, University of Florida, MS Physics, University of Pittsburgh.

Oceanography: Roland A. deSzoekte, BSc and MSc Math, University of New South Wales.

DR. RICHARDSON (Continued)

operational programs. It may prove valuable in search and rescue operations. The floats will be designed for use in depths up to 1,000 feet.

In attempting to expand the use of aircraft in oceanographic research, Richardson’s Nova group has learned to measure wave heights with laser beams and calculate the production of plankton in a given section of the sea by the color of the water.

BUSINESS PROGRAM (Continued)

to quit their jobs and make family sacrifices in order to go to a university for a year.

“Rather than bring in a professor from Harvard at $25,000 a year or more, we will bring him here for two weeks, and for five hours a day, five days a week, he will interact with the students.

“This means we will not burden ourselves with big salaries.”

Students will qualify for these seminars “through independent study with very tight quality control,” the University president explained, “and they will become as competent as, or more competent than, people who go to campuses and sit full-time in classrooms.”

Bona fide courses which are conducted by business or industrial firms in their own plants could carry credit toward degrees, he said.

“Industry is spending more money on in-plant education than all the universities combined are spending,” Dr. Fischler declared. “And yet the universities are saying to industry, ‘What you are doing can’t count toward degrees.’ So we want to develop programs in business and industry that will lead to degrees. We’re going to develop relationships and partnerships. A properly certified course in a plant or a company can become a part of our degree program.”
DR. RUBIN (Continued)
works in such areas as classroom creativity, conceptual teaching, and trends in curriculum. His writings have been reprinted in The Education Digest and in the English publication, Education Today. One of his primary fields of expertise is the change in progress in schools, curriculum, learning, and teacher training in the U.S. today.

President Fischler in gown bearing the University symbol.