CHARLES AND HAMILTON FORMAN BUILDING DEDICATED

DR. CHARLES AND HAMILTON FORMAN BUILDING CENTER FOR OCEANOGRAPHIC RESEARCH

Two brothers grew up on a dairy farm on the land where Nova University and the rest of the Nova complex now stand. They have been honored for a long and effective period of service to the University and its sister institution, the New York Institute of Technology.

Chancellor Alexander Schure and President Abraham Fischler conducted dedication services Nov. 20, for the Dr. Charles and Hamilton Forman Building at the Oceanographic Research Center, before a strong of friends and business associates to the two men.

Hamilton C. Forman was awarded an honorary degree of Doctor of Laws from NYIT, only the 12th in that institution's history. Dr. Charles Forman was awarded a special NYIT citation, so rarely given that only one other had ever been presented before.

Hamilton Forman is a trustee of the University and, with his brother, has been an outstanding supporter of educational and religious activities in this area for the past three decades. Dr. Charles Forman served two terms on the Broward County School Board and was the board member that proposed the study that in the early 1960's led to the creation of the Nova complex.

The site of the complex was a dairy established by their father, Hamilton M. Forman, and his wife Blanche when they came here as young people from Illinois in 1914. Part of the dairy became, during World War II, a U.S. Navy air facility called Forman Field.

It was Forman Field which was divided into 18 educational and research entities -- the local school board, the University of Florida and the South Florida Education Center, Inc., an organization of citizens who founded Nova University.

The Formans took a special interest in the Oceanographic Research Center from the time of its establishment in a houseboat and a collection of trailers off the Intracoastal Waterway in southern Fort Lauderdale.

After the center was moved to its present site at Port Everglades, a tract of land provided by the Broward County School Board and the airport board that proposed the study that in the early 1960's led to the creation of the Nova complex.

National Alumni Director Appointed

Roy K. Wilson, an association executive in Washington, D.C. for the past 23 years, has been appointed national director of alumni programs for Nova University. In making the announcement, Mr. Abraham Fischler, Nova's president, said that Wilson will begin the program of organized services for all of the University's graduates on January 1.

A native of Illinois, Wilson began early retirement in late 1976 following 25 years as the executive director of the National School Public Relations Association (NSPRA). For 10 of those years he served in a dual role: as director of press, (continued on page 8)

ENROLLMENT INCREASES TO 6800

A dramatic increase in student enrollment at Nova University in the past year has pushed it over the 6,000 mark, President Abraham S. Fischler announced.

Enrollment has leaped from 3,399 to 6,800 since last fall, he reported.

Nova is now the second largest private university in Florida, exceeded in size only by the University of Miami, Dr. Fischler said, although a large number of Nova's students are in graduate programs outside the state.

One such program, offering doctoral degrees to Community College Faculty and Administrators, has 1,250 participants, most of them in states other than Florida. The National Ed.D. Program for Educational Leaders has 788 and the Graduate Program for Public Administration has 447.

(continued on page 8)

Mary McCahill Elected Chairman of the Board

Mrs. Francis T. McCahill of Fort Lauderdale has been named to succeed M. R. (Cy) Young as Chairman of the Board of Trustees of Nova University. It was announced that Nova has become the second largest private university in Florida with an enrollment of nearly 7,000 students.

Mrs. McCahill became the third individual to serve in the post of chairman in the University's 12-year history. Mr. Young was elected in 1973 to succeed founding chairman James Farquhar.

In announcing the appointment, Chancellor Alexander Schurc noted that Mrs. McCahill, "during her 12-year residence in Fort Lauderdale has no doubt contributed more to the cultural and educational development of the community than can be fully appreciated."

"Appropriately, her appointment ushered in the second decade for the University, which in its short history has experienced a growth in enrollment from 17 graduate students in 1967 to approximately 6,000 undergraduate and graduate students today."

University President Abraham S. Fischler expressed his gratitude to Young for his outstanding leadership during the past three years, which have been difficult and uncertain but during which the institutional base was strengthened and expanded.

Also elected to serve as officers of the board were Robert A. Steele, president of Mack Trucks of South Florida, and Lester E. Moody, President of Moody Pontiac, as vice presidents, and Clinton M. LaGross, president of LaGross Furniture, as treasurer.

They succeeded Robert C. Elyson, James Farquhar and William D. Horvitz, respectively. W. Timley Ellis, Hollywood attorney, will continue to serve as secretary. Elyson, Farquhar and Horvitz will remain on the board.

Mrs. McCahill has served on the board since 1972. Last August she was honored by the University with a degree of doctor of humane letters.

The University's budget this year exceeds $15 million--a highly significant increase from only $1 million in 1970. Six years ago, she commented, $1 million was sufficient for our necessarily limited goals. Today we can visualize that our current budget will appear equally modest at the conclusion of Nova's second decade.

The greater part of the $15 million, she explained, represents money flowing into the community in the form of research contracts and tuition fees.

Nova will continue to be a financial asset as well as a cultural asset to the county, she emphasized.

Indeed, a private enterprise, receiving no local or state tax money, it is a cluster of educational and research centers, each of which is expected to be self-supporting.

It belongs to Broward funding that places it in a category of industries ranked as the fifth largest employers in the county.

About 3,000 of the 6,800 students, Mrs. McCahill reported, are working with government agencies outside Florida. Those students are working toward the degrees of doctor of education and doctor of public administration. They are principals and administrators in public school systems and community college faculty members in more than 20 states, and supervisory personnel in municipal, county, state and federal government agencies.

The next program of this kind to be inaugurated, the new chairman announced, will offer a doctorate in business administration--the only one in the United States that does not require the student to give up his job and live on campus.

Mrs. McCahill accepted the post of chairman at a brief luncheon ceremony on the campus.

She has long been prominent in the development of the Fort Lauderdale Museum of the Arts and the Atlantic Foundation for the Performing Arts and has served on the board of the Fort Lauderdale Symphony Orchestra Association.

Dr. Fischler Honored by Sales And Marketing Executives

Dr. Abraham Fischler, President of Nova University, was honored by Sales and Marketing Executives of Fort Lauderdale, Inc., on December 14, 1976, at the Sheraton Hotel.

Three other Broward leaders who received SME's most prestigious award are: Hugh Anderson, County Commissioner and President of Hugh Anderson Real Estate; Robert A. Steele, President of South Florida Mack Trucks, Inc., and Ford Perginfi, First Vice President and General Manager, Gore Newspapers Company.

SME's Top Management is a program with the purpose of developing greater rapport between top management and sales management by helping to create a better understanding of aims, purposes and achievement of the sales management profession.

In recognition of their contributions to the social and economic welfare of the community, Dr. Fischler and the other honorees were awarded plaques.
AUGUSTина мию.

Lester Moody

University Trustee Lester E. Moody became one of the first Fort Lauderdale businessmen to fall in behind the infant educational institution after it was chartered in the mid-1960's.

An associate of the Broward County Automobile Dealers Association, Moody was one of those who responded most promptly when the founders of the University began seeking financial help from the business community. He rallied the dealers' organization and, as president of Moody Pontiac, made a personal commitment to lend a new car for the use of the president's staff.

An early member of Gold Key, Moody later became president of that support organization and moved from there to the Board of Trustees in 1974. Since his arrival in Fort Lauderdale from Memphis, Tenn. in 1956, he has also been engaged in community and civic services.

He succeeds W. Tinsley Ellis, a native of Hollywood, who has been a trustee of the University since its inception.

Moody also is a trustee and long-time civic leader in South Broward, where he has been practicing law since 1947.

He has served as city attorney of Hollywood and chairman of the Florida Board of Bar Examiners. A director of the First National Bank of Hollywood and of Florida Banksshares, Inc., he has long been active in civic groups such as the Committee of 100 of Hollywood and the Council of 100 of Broward County.

A native of New York City, Moody received his A.B. degree from Fordham University and his law degree from the University of Miami, where he was the first editor of the Miami Law Review.

W. Tinsley Ellis, a native of Hollywood, was one of the group of civic leaders and educators who conceived the University and created its predecessor, the South Florida Educational Center.

Ellis graduated in law from Emory University in Atlanta and studied taxation at New York University. He has been an adjunct professor of tax law at the Center for the Study of Law.

GARY D. SMITH

JOINS STAFF

Gary D. Smith has joined the administrative staff of Nova University as Director of Corporate and Annual Giving, a newly created post within the Office of Development, President Abraham S. Fischler has announced.

A business administration graduate from Miami University, Oxford, Ohio, Smith also attended the U.S. Coast Guard Academy where he was commissioned an ensign in 1958 and served as executive officer for Port Security in Savannah, Georgia.

Prior to joining Nova University, Smith had spent eight years with the Xerox Corporation, primarily in sales management and product marketing at Dayton, Ohio, and Ft. Lauderdale. Until joining the Development Staff he was major market manager, Southeast region, for the A. B. Dick Company.

Smith hopes to establish a working relationship with business and industry in Southeast Florida.

"We are implementing a theme of "What Nova University can do for you,"

"In my judgment, our program is two-fold in purpose—incorporating immediate and long term benefits to the University itself, while providing our community with a viable resource for enrichment."

Smith resides in Pompano Beach with his wife Glenda and sons Dennis and Timothy.

The office of Public Affairs has opened at its new location, 7501 S.W. 74th Court directly to the northeast of the University School.
ELA System Adapted By State Agencies

The Educational Leadership Appraisal (ELA) system, which was extensively employed in Nova University's National E.D.D. Program, is now being adapted for use by State Education Agencies. The research and development is being supported by the National Ed.D. Program, administered by the Council of Chief State School Officers. Educational Research Corporation (ERC), Watertown, Massachusetts, the firm that developed ELA for the National E.D.D. Program, was selected by the Council to conduct the research and development for State Education Agency application.

Dr. James Conner, Project Director, had extensively examined the available measures of educational leadership before concluding that ELA had the greatest potential for application in State Education Agencies. Gerald Sroufe, of Nova's Cluster Program, is working closely with Dr. Conner with much of the information about ELA and its use in the National E.D.D. Program.

ELA is a performance based assessment system; it employs techniques similar to those that have been used for three decades in assessment centers operated by personnel in state agencies. Job analysis is an exercise employed in Nova University's National Ed.D. Program, et al. The job analysis on the exercises is then assessed in terms of 20 leadership dimensions that are representative of the problems which an administrator must solve in the operation of schools. The exercise is then assessed in terms of 20 leadership dimensions that are representative of the problems which an administrator must solve in the operation of schools. The exercise is then assessed.

The first study was to test the ELA format. Dr. Barbara Thompson, Assistant to the President of Nova/ELA exercises to be used in conjunction with an Affirmative Action Workshop. ELA is well suited for this purpose since it is based entirely upon skills that are required on the job. ELA, therefore, differs from many other assessment procedures which measure qualities that are not necessarily related to job performance. Such tests are often unfair to minorities and to women since they may be able to perform well on the job in spite of poor test performance.

The Wisconsin workshop, which was held in May, established the validity of the ELA format in state agencies. Each of the participants indicated that ELA was related to the demands of their jobs and that the workshop provided them with a better understanding of their career development needs. Additional support for the validity of ELA was found when it was shown that patterns of strength and weakness on the ELA dimensions correlated with patterns that had been reported by key administrators.

After establishing the validity of the ELA format, further research was conducted to tailor ELA more specifically to the work of personnel in state agencies. State Commissioner Thomas Schmidt of Rhode Island cooperated with Dr. Conner and ERC in planning and conducting the necessary research.

The first objective was a careful description of the functions performed on the job by key middle managers in the Rhode Island Agency. Job analysis is an exercise used to determine the skills that are required on the job. In September, a team from ERC went to Providence and interviewed selected personnel in the state agency. This was followed by a review of numerous documents and by an interview with a management team about the essential components of the middle-manager's job.

The University is committed to saving a changing society, and believes in the following: all students and the financial aid that they receive are oriented to the self-directed student who is capable of translating his academic accomplishments into professional performance. The authors describe the program's cluster format and review the University's modules of study.

The Nova University program appears to be expensive but it provides a flexible means for preparing doctoral candidates for the challenging assignment of working in community colleges with thorough preparation in practical problem-solving situations, while avoiding the dysfunctional and costly (to practitioners) residency requirements of most universities.
Seminar Offered on Science and The Law

Seven key scientific areas in which the law has yet to catch up to what scientists are discovering will be covered by Nova University's discussion seminar series on "Science Policy and the Law."

According to Dr. Joel Warren, Director of the Life Sciences Center, the program is unique in Broward County because it can bring together graduate students and faculty in law and biociences to discuss fundamental policy questions being ducked by legislators and judges. Perhaps one of the most critical ones of our time is the possibility of uncontrolled research.

In the series' first session, the risk to all humanity on the planet from uncontrolled genetic recombining of material in bacteria and viruses, was tackled by four law professors at Nova University, Dr. Warren, and scientists in the audience. In February, the subject of the seminar will be a similar problem, "Human Experimentation."

Law Professor Daniel Wilkes, co-coordinator of the series, charges that lawyers are not taking up the challenge of coping with such major problems. Specifi­cally, he asks what is being done about other areas in which fringe developments are occurring? Are we heading for a world in which drugs won't be available in time because the need to comply with regulations will take too long? This problem will be dealt with by pharmacologist and law professor Marianne Smith in January.

Suppose we help all developing nations to go from $100 per family (sic) to $1000 per family in the next 15 years and they are no better at protecting air and water from poisoning than we were? Will we see our pollution control efforts, as do we now, when Chinese nuclear dust descends on Miami and New York on the same day? Lastly, will we find we've acted with too little, too late, to save our own Florida coasts? Will sports fishing be a thing of the past?

The moderators of the first session on Food and Population Crises, Nova University President Abraham S. Fischler, welcomed the start of the series which will continue through May for its expansion. The coordinators feel it has possibilities, with future group support, to become a major identifier of neglected science policy-law problems in Florida and are asking both the legal and scientific local communities to pinpoint topics for next year.

The seminars are in the Parker Building from 4:15 p.m. on the second Monday of each month.

Law Students Intern

The Nova University Law Center is engaged in a clinical program for its charter class. Approximately 60 third-year students have been assigned to public agencies in Broward and Dade counties and are receiving experience in the representation of clients in and out of court.

Under the supervision of the Internship Coordinators, Rules of the Florida Bar, approved by the Florida Supreme Court, third year law students are permitted to represent clients both in and out of court under the supervision of a licensed attorney in certain controlled circumstances.

The Nova clinical program is limited to three types of field assignments in its first year. On the civil side, students are permitted to represent indigents at the Broward Legal Aid Society and Legal Services of Greater Miami, Inc. On the criminal side, students are working on criminal defense at the Dade and Broward Public Defender's Offices and on criminal prosecution at the Dade and Broward State Attorneys' Offices. In the future, other cooperating institutions may be added.

All certified interns are required to work 18 hours per week in their respective offices. There is a double level of supervision in the program. At the receiving agency, interns are directly responsible to a supervising attorney who is required to sign all pleadings filed by the student and to take ultimate responsibility for the conduct of the case. At Nova, Professors Bruce Rogow, Jon Sale and Steven Wisotsky administer the program, including planning and coordination of training seminars that feature lectures by guest attorneys who are practicing in the area. In addition, quality control is maintained by faculty inspection of the students' case files and reviews of their on-the-job performance. (continued on page 11)

Prominent Judges Address Students

Three Broward County judges discussed "Sentencing Sentencing Alternatives and Effectiveness of Present Drug Laws" Nov. 2 at the Nova University Center for the Study of Law, Joe Eaton, United States District Court, Southern District of Florida; James M. Reasebeck, Circuit Court of Broward County; and Daniel M. Futch, Jr., Circuit Court of Broward County were guests at a Criminal Procedure Seminar on Drug Abuse and the Criminal Process under the direction of Professor William Jones.

The seminar was designed to give students an in-depth view of the social and legal problems of abuse of narcotics, hallucinogens, depressants and stimulants and the way these problems are handled in the criminal process.

Guest speakers have included experts in the fields of pharmacology, treatment, drug identification, drug law enforcement, defending and prosecuting a drug case and probation, as well as Florida Congressmen J. Herbert Burke.

Gift Honors Michael Reed

The painful reminder of Michael Reed's death was evident in the face of his father, Arthur Reed, at a memorial ceremony at the Law School of Nova University Oct. 22 to honor the memory of his son, age 23, a member of the charter class of the Nova Law School who was killed instantly in the flaming wreckage of his car after it hit a bridge abutment June 1, 1975. Young Reed had recently finished exams and was planning a summer wedding.

His father, who owns a cabinetmaking business in DeWitt, New York, presented a gold gleaming in the light, the name Michael R. Reed, Amicus Humani Genesi (Friend of the Human Race).
Irving Goldaber and Edward Powers in their discussion on Terrorism and Hostage Taking. The need for negotiating expertise was emphasized by panelists Richard Kobetz, Irving Goldaber and Edward Powers in their discussion on Terrorism and Hostage Taking. October 2 at the Criminal Justice Conference in Grovetown, Md.

"Negotiation is a function that works out a situation without loss of life," said Richard W. Kobetz, Assistant Director of the Professional Standards Division, International Association of Chiefs of Police, Grovetown, Md.

"The delining of a person, as a pledge for the fulfillment of a demand, is a complex situation. It is a matter of timing. The negotiator must know when to use the situation to talk to action."

"The role of a negotiator is to function in the most effective way, thinking through an on-the-spot basis. This can be done by using examples and probing into all the different ramifications before making any conclusions," he explained.

The negotiator has needs as a member of the tactical team, he pointed out. He must function as a team member, not as an individual. "The negotiator must be used to weapons and know the reality of what it is like to kill a person when the negotiations fail."

"Law enforcement agencies traditionally, as a rule, are weak on problem, not in an individual way," Kobetz said.

"Thinking a situation through is not a compromise. It is a part of the function to contain a situation without a blood situation resulting from it," he stated.

"I believe we must set up a capability to communicate with terrorists in order to be able to bargain with them," said Irving Goldaber, Sociologist and International Consultant in Conflict Management, New York, in discussing the role of the negotiator in hostage taking.

"The approach of the negotiator will usually lead to the release of the hostages, whereas a hard line stance will more than likely lead to the death of someone," he said.

"The role of the negotiator should be to represent the hostage.taker with a good example of hostage taking, in Goldaber's opinion. "Think of the consequences if it had failed," he said.

The terrorists or hostage takers want to be taken seriously. "What people say in these circumstances is not always what they do, looking forward to - anticipating yes, but not always certain about." said Goldaber.

"Goldaber said in his opinion there is not an individual who cannot be negotiated with. "These people want to be taken seriously; they are seeking to establish a reality-of-sinister," he stated.

"To be a negotiator in hostage incidents is a job, art and a science," Goldaber said.

"To qualify as a negotiator one must be an individual who is not manipulatible and can make a decision himself," he said.

"The negotiator must be ready to put the blame in the least competent are those involved in the detention facility. Here is where the juvenile offenders need to be motivated toward changing behavior. We wait too late to jerk in the reins. If we did this the first time around an approach that in the long run there would be results. The public pays later because children need critical and skilled help at the beginning of a problem," said Abbott.

MORIATRY

Judge Moriarity referred to the juveniles who account for 50 percent of felony arrests in Broward County for armed robbery, aggravated assault, breaking and entering, and burglaries.

"These criminals are not punished or rehabilitated," he said. "The rehabilitative efforts are a fraud on the public."

"The failure that you are a friend of the juvenile and have to hold their hand results in the juvenile progressing more and more into the system," he stated. "After the fourth or fifth offense the juvenile is just that much worse and difficult to redirect," he said.

"Everyone is ready to put the blame on the economic factor, the family factor, any factor. The criminal comes to believe this--that there is no punishment for his crime. Everyone, including the criminal himself, forgets the most important factor--that he must be responsible for his own actions and the top priority for them," Judge Moriarity stated. "The juveniles must see the reality of what they are getting into."

GELBER

Judge Gelber feels the problem should be dealt with at the onset. "The delinquent first graders should be at this level," he said. "We should not wait until they reach the age of 17. The problems of the 6th, 7th and 8th grade after the age of seven when they start misbehaving in the school," he pointed out. "At this time their behavior starts setting a pattern."

"Cases that are brought into the courts must be treated on a psychoeducational basis," he pointed out. "You cannot lump the situations together and make a blanket decision on them," he said concerning the handling and sentencing of the juvenile offender.

Punishment and/or treatment should be meted out to juvenile offenders with more consistency. This was the basic message given to graduate students at the University Criminal Justice seminar during a panel discussion on Juvenile Justice.

"Present thinking in Broward County and the State of Florida is manufacturing criminals," said Broward County Judge Herbert Moriarity. "The county and state will not accept responsibility for them," he asserted.

Speaking on the panel with Judge Moriarity were Dade County Judge Seymour Gelber, a former prosecutor and Denny Abbott, Supervisor of the Department of Health and Rehabilitation (Youth Services) for Florida.

"The core is not bright. The hard core criminal child is not helped at all," said Judge Gelber.

"Seventy years of juvenile justice, positive effects have not been produced," Abbott asserted. "Accountability is to blame for the dismal situation," he said.

Denny Abbott, speaking critically of the detention services, said, "Programs continue to claim service results. There should be critical program evaluation to find which are good and which are worthless."

"Fifty million dollars has been spent, but I do not believe that something positive is being done," Abbott added.

Abbott said that educating the public about the programs has failed. "The programs will not be successful until the public knows the assets and the liabilities of the situation. It is imperative that we turn around delinquent behavior, and we are not doing this."

"The least trained, the lowest paid and the least competent are those involved in the detention facility. Here is where the juvenile offenders need to be motivated toward changing behavior. We wait too late to jerk in the reins. If we did this the first time around an approach that in the long run there would be results. The public pays later because children need critical and skilled help at the beginning of a problem," said Abbott.
**OVERVIEW:**

**NOVA UNIVERSITY OCEANOGRAPHIC LABORATORY**

**Director of Oceanography**

Dennis Moore

Dennis W. Moore, research geophysicist, professor of oceanography, author of ocean-related publications, born in Toledo, Ohio, away from the sea, is now its student, its teacher and advocate.

"I guess my love of the sea started during summer jobs at Woods Hole, on Cape Cod," says the Director of the Nova Oceanographic Laboratory. "I've always considered myself a New Englander," he adds. "I worked at both the Marine Biological Laboratory and the Woods Hole Oceanographic Institution for two summers. While I was at Harvard, our family went to Thailand with my father, a marine biologist, who was on a Fulbright Fellowship. Returning from Thailand in May, 1959, I joined the Woods Hole Research Vessel Chair in Athens, and worked aboard her that summer."

Dr. Moore now works only a few steps from the ocean in a houseboat that was the original Nova University Oceanographic Laboratory. There is an air of casualness at the Laboratory, a comfortable feeling projected by Dr. Moore and his staff. His office—informal and nautical—was the first library. Dr. Moore's most recent publications such as "Modern Measurements Techniques," with P. Fedoroff (1975) and "A Two-layer Model for the Separation of Ocean Layers," present problems that affect the ocean's complex interactive role with the environment. Dr. Moore joined the Woods Hole Research Vessel Chair in Athens, and worked aboard her that summer."

Dr. Moore was graduated from Exeter Academy and received his A.B. from Harvard College in 1961. He took his M.A. in 1963 and Ph.D. in 1968 from Harvard University. He came to Nova University in 1968 and was appointed Assistant Professor of Oceanography. He became Associate Professor in 1971 and in July of this year Dr. Moore was named Director of the Laboratory.

Dr. Moore, his wife Carolyn and their two children Andrew and Megan live in Fort Lauderdale. Dr. Moore says he enjoys fishing during his free time. His wife, a graduate nurse, enjoys painting and gourmet cooking.

The Laboratory has an excellent and comprehensive library and operates its own high precision Hi-Fix navigation system which is an ideal location for studying the Florida Straits and the history of the oceanographic research. The vessel at the Laboratory is a technical support facility, "so are sent here. We at the Lab have our own high precision Hi-Fix navigation system and our own high precision Hi-Fix navigation system. The research vessel at the Laboratory also has a high precision Hi-Fix navigation system and the research vessel at the Laboratory also has a high precision Hi-Fix navigation system."

**Sea structures on the sea floor, mining and beach erosion.** Some people are unhappy with the impression the floor of the ocean stands still. We'd like to know something about the makeup of the sediment on the ocean bottom at any given location. We want to know where the sediment comes from, how long has it been there and where it's likely to go," Wimbush explained.

A month prior to Dr. Wimbush's trip to Scotland he and his staff planned to recover the films taken by the equipment one half mile down in the straits. These pictures, when developed, would show in sequence the directions and rate at which the sand had moved during the study period. By showing the films in a rapid projection speed, a month of ripple movement can be viewed in a few minutes.

The equipment, designed by Wimbush and his associates in the Oceanographic Laboratory, consists principally of a four-angled frame device made to hold a camera which photographs a 10 square foot area of the ocean floor. The frame also holds a current meter that records currents speed and direction a few feet above the ocean floor. Several times an (continued on page 10).
Forman Dedication

August Burghard, Dr. and Mrs. Charles Forman

Mrs. Claude Kirk, Sr., Hamilton Forman, Mr. Claude Kirk, Sr.

Vice-Mayor Virginia Young, Dr. Alexander Schure, Chancellor Nova University, President, N.Y.I.T.

Fred Stevens, Port Commissioner, James Farquar

Mrs. David F. Austin, President of the Royal Dames, reading a citation during the presentation of a gold and diamond pendant that was given to Mrs. Bernard Castro, founder and Chairman of the Board of the Royal Dames, by Mrs. Ernest Cooper, Tiara Ball Co-Chairwoman. The Royal Dames presented the pendant to Mrs. Castro for her dedication and service to cancer research at Nova University.

Mr. and Mrs. Frederick Wiersum

Mr. and Mrs. Roger E. Carter

Mr. and Mrs. John D. Benfield

Tiara Ball

Derby Ball Reception

Southern Yacht Brokers Association Barbecue

General Chairman of the Florida Derby Ball to be held March 3 at the Indian Creek Country Club, Miami Beach, at a reception in the home of Mr. and Mrs. Robert Steele. Madeline Monberg (Mrs. Lawrence), Lawrence Monberg, Wilhelmina Steele (Mrs. Robert), Robert Steele, Mrs. Eleanor Hambery.

Mr. Joseph Murphy, Assistant to the President at Nova University; Mr. Bud Huch, Director of Marine Development at the University; Mr. Arthur Brown, President of Southern Yacht Brokers Association.


Navy League Reception

Mr. & Mrs. Alphonse DeiDonna and Mary McDowell, Chairman of the Board of Trustees

Dr. & Mrs. Charles Forman
The third National Workshop of the Graduate Program in Public Administration was held November 7-11, 1976 with more than 100 participants and visiting cluster directors in attendance. A Cluster Director Clinic was held by Dr. Samuel Humes on Saturday, November 6 to review cluster directors’ programs, policies and problems and to review marketing techniques. The four cluster directors from Chicago, Huntsville (Alabama), Washington, D.C., DelValle in Dallas and Southern California.

The National Workshop began on Sunday with a session by President Abraham S. Fischler and a review of the GPPA Program by professors Trevor Humes, George Graham and Douglas Yoder. Following an evening barbecue, Thomas Baynes, Associate Professor and a director of college public relations and a consultant to the Educational Policies and Problems and to Review group discussions of current and as staff director for the National Education Association (NEA), the National Workshop continued. Dr. Herbert Morton, editor, economist, and director of public affairs for Resources for the Future, Washington, D.C., discussed national economic policy and alternatives available to a new national administration. Participants’ discussion of current national economic policy and returned to a plenary session where debate was held. In the evening, the subject, "The View From the Legislatures," was led by Kentucky State Senator Tom Easterly, and Florida State Senator Jack Gordon.

Small group discussions of current problems and trends in various specialist areas were held on Tuesday afternoon.

Roy K. Wilson (continued from page 1)

radio and television relations for the National Education Association (NEA), and as staff director for NSPRA. He relinquished his NEA duties in 1968. For the past eight months he has been serving as a consultant to the Educational Research Service, a nonprofit organization sponsored by six national school administrator associations, with headquarters at Arlington, Virginia. Prior to his association with NSPRA, Wilson was a newspaper reporter, a staff member with two national magazines, and a director of college public relations and alumni services for five years. He earned his bachelor’s degree at Eastern Illinois University and his master’s degree at the University of Illinois. In 1959, he was awarded an honorary doctor of letters degree by Glassboro State College in New Jersey for his work in educational communications. He served four years with the U.S. Navy during World War II.

During his service in Washington, Wilson helped two professions come of age, education and the media. He worked on public relations. In 1947 he was one of the ten founders of the Education Writers Association. He later moved to Cincinnati to help the nation’s news media cover educational issues.

In 1950, the National School Public Relations Association established a national office in Washington. He became the first director of that organization. It now serves more than 30,000 educators and school board members in school districts, colleges of education and other educational agencies throughout the United States and Canada with more than one million dollars worth of communication services each year.

Since 1954, Wilson has directed 22 national conferences on communication in major cities throughout the nation from Boston to San Francisco and from Miami to Seattle. He has served on the operations staff for 75 educational conferences and conventions. He was the editorial director for the weekly newsletter Education USA, from its founding in 1958 until March 1976.

Wilson has participated in two planning sessions with Nova faculty, directors of special programs, and the administrative staff. He expects to work closely with Nova graduates in all parts of the United States in developing alumni programs which will be of maximum service to former students and the University.

The new alumni program will operate as a part of the Office of Development, of which Joseph P. Murphy is director.

Forman Dedication (continued from page 1)

"The father of these two outstanding men, Hamilton M. Forman, was himself a legend in his own time. Hamilton had been a distance runner on the track team of the University of Illinois. He was the son of a distinguished individual, an Illinois congressman named William St. John Forman who became the site of one of the most imaginative ventures in the history of education in this country — the Nova educational complex, a welding of elementary, secondary and higher education, public and private, of a kind that has rarely been seen in this country."

Participants from similar professions or functional areas met to discuss issues of concern to the group. Acting as conveners for these sessions were Nova DPA graduates, Jules Pagano, Dean of Continuing Education, FIU; James Fleming, Director of Ceters of Lehman Hospital; John Vaughan, Assistant Director, Catholic Social Services Bureau of South Florida; and Patrick O'Connell, Chief of Administration, Dade County Department of Public Works. Also, acting as conveners were DPA candidates, Charles Black, Chief of Administration, Dade County Public Safety Department; Don Jackson and Benzo Bash, Cluster Directors; and Peter A. Korn, Program Professor.

James Humes, Presidential Speech Writer, presented a talk entitled "A View From the White House" and discussed the impending changes resulting from Jimmy Carter's victory of the week before. Humes indicated that a new presidential administration would have to learn how to mesh the functions of policy executives to the career bureaucracy, since the career bureaucracy existed in a triangular relationship with congressional committees and interest groups. Humes, a noted public speaker, led an interesting follow-up discussion in the Club Room after his speech.

Behavioral Science Director, Franklin R. Kilpatrick, spoke Wednesday on "Perception, Modification and Learning," and on Thursday, Harvey Sherman, Director of Organization and Procedures at the Port Authority of New York and New Jersey, and Chairman of the Board of Governors of the GPPA, spoke on "How Organizational Decisions Really Get Made."

The workshop closed with a Friday meeting of the Board of Governors. Arrangements and logistics were handled by GPPA Assistant Director Alan T. Penn and Administrative Officer Laura Katchko.

Enrollment Growth (continued from page 1)

Novo opened the doors of its Davie campus in the fall of 1967 with 17 students — and an equal number of faculty members.

Today the faculty and administrative staff total 420, Dr. Fischler said. Nova College, the university’s undergraduate division, now has 547 students. Enrollment in a Dade County program called Modern Educational Systems, offering master’s degrees for school teachers, increased to 765 this year from 260 in 1975, the president reported.

The Law School grew from 340 students last year to 480 this year.

The University, the president’s report shows, has 532 students in its criminal justice programs, 450 taking bachelor’s degrees in education in Broward and Dade counties, 307 students in the behavioral sciences and 250 taking master’s degrees in business administration.

The 651 pupils in Nova’s University School, in grades from kindergarten through high school, bring the overall total of persons in the university’s system to 6,831.

Enrollment figures in many colleges and universities are not necessarily a measure of quality. However, since Nova’s enrollment is primarily due to the increased number of mature adults seeking to improve their professional skills and, therefore, the institutions and agencies in which they perform these skills, the figures are significant. These adults demand quality education and our programs are delivering it in a way which makes it meaningful and accessible to the practicing professional.
UNIVERSITY SCHOOL UPDATE

The University School of Nova University began its 12th academic year with an enrollment of over 650 students in pre-kindergarten through 12th grade. This figure is expected to reach a maximum enrollment of 700 by midyear, according to Dr. Joseph Randazzo, Headmaster.

The faculty, administration, and maintenance staff now total 90. New faculty members are teaching in the areas of English, math, science and the Upper House. There are 10 new faculty members in the other houses, including more Montessori trained faculty in the Pre-school. There is also a full-time swimming coach for young swimmers and the Middle House and Upper House swim teams.

Physical improvements include two outdoor teaching pavilions to the east of Middle House and Upper House. There are also a soccer field and softball diamonds for Upper House students to the north of the school.

"We are launched on what appears to be a productive year with new programs and new opportunities for our students," says Dr. Randazzo, who sees Nova University develop into an expanded science program and course offerings in calculus, trigonometry and computer science.

"Our eleventh and twelfth graders, this year for the first time, are able to enroll in Nova College courses at an advanced level while concurrently completing their requirements for graduation. Ms. Julia Rose, for example, will have completed an AP course in English by the end of the school year that she receives her diploma from the University School.

"We are also fortunate to have as our new Director of Guidance, Dr. Armand R. Cerbone," Dr. Randazzo points out.

Dr. Cerbone, who serves as associate professor of psychology, Behavioral Sciences Center of Nova University, holds his Ph.D. from the University of Notre Dame. His M.A. in counseling psychology is also from Notre Dame and his B.A. in philosophy is from St. John's Seminary, Boston.

For the past three years he had been coordinator of Community Outreach Programs at the University of Illinois Medical Center and also conducted a private practice in Chicago.

"I will be providing counseling to parents and teachers about everyday parenting, education issues which create a lot of anxiety," said Cerbone. "But I'm not coming in with canned programs, I shall want to know what's wanted. If it's parenting groups, fine; but they should grow out of the needs and interests of the parents. I want to build around issues they identify.

I do not pretend to have all the answers but can tell parents, 'Here are the issues to pay attention to in relating to your children.'"

Students Produce Coloring Book

A coloring book based on historic sites in Broward County dating back to 1915 was produced by students at The University School of Nova University to help celebrate Broward County Pioneer Days held October 9 and 10 at Fort Everglades.

The seventh to 11-year-old artists drew their pictures from old photographs supplied by Marilyn Kemper of the Broward County Historical Commission. The special bicentennial project was the idea of Dr. Leonard Tomaszewski, a sometimes artist, and Director of Lower House II and the Middle House at The University School.

Pictures include a jaunty school bus from 1918, some Dana Beach bathing beauties whose bodies somehow resemble a banana and a pea pod, and a lopped-off Davie General Store (which in 1916 also served as ice house, post office, boat landing and loading dock). The first Broward County Courthouse flies a flag with stars on the outside and stripes in the middle, and the first Baptist Church looks a bit like a railroad tressel.

The University School has five sections which are being taught in full color, if not the exact detail of each edifice.

"The children had fun doing this bicentennial project and learned a lot of history of Broward County in the process," observed Dr. Tomaszewski.

Copies of the 68-page Coloring book are $2 and may be ordered from The University School.

New Swim Team Forms

"The desire to see an outside area that provided a relaxing place for the students to study," says Vettel. "He says the area is in a unique position in the layout of the university and sees it as a study, ecological and picnicking area for the students.

"The pond was originally dug for construction of The University School in 1974. Now it is a half acre of fresh water which has stocked large stumps of Florida Live Oak and Florida Red Maple, are planted around the edge.

The first tree planted was donated by the Florida Real Estate and Construction Co. which gave permission to Bill Spade, Assistant Director of The University School, and staff to move it to the pond. The 15-year-old Florida Live Oak was root pruned twice before the move and planed by the Forestry Division, which provided all the equipment, and Bob Schaff, Landscape Superintendent of the University.

Little Live Oak and two Jachts and, grown from seeds brought from Nova University, have been planted in the area, as well as a Jambolan Plum, moved from his home.

The pond has become an outdoor classroom for students from The University School. Al Fischler, director of the pond, points out.

Without parents, "There is an outdoor area that is a unique position in the layout of the University and the area is in a unique position in the layout of the University and sees it as a study, ecological and picnicking area for the students.

The children keep an organism record sheet, listing things they have observed around the pond such as snails, crickets, grasshoppers, bird feathers, earthworms and countless others, Fischler explains. "They build their own terrariums from the materials gathered around the school pool and pond. The beauty of it is their excitement," he says.

Dr. David Sutton, who heads the University of Florida Agricultural Research Center, will conduct experiments in the pond by using White Amur fish that eat algae. This will alleviate any weed problem that arises.

Vettel has seen great changes come to Nova University and to the land on which it is built. In 1947, grapefruit and orange groves were growing where buildings now stand. Cattle grazed in the fields that are now parking lots. "When the 1974 hurricane hit we were left with four trees. It was flooded for 10 to 14 days and there was four feet of water where we're sitting right now. But we brought all the local cattle up to Broward County. The high point in Davie. We dropped hay to them until the water receded," Vettel recalls.

Vettel likes to talk about the condition of the land, native trees and fish and changes in the environment—all subjects that are educational for the students.

"Helping to enrich and beautify the land is my interest," says Vettel.

Friend of Nova University Earl Vettel

Dr. Joseph Randazzo, Headmaster

New Swim Team Formed


So far, BESTUS has had terrific success," he says. In the International meet held annually at Miami Springs, the team finished approximately fifth of nine teams. "There were over 50 teams, even the BESTUS entries were new," Hart points out. "Every kid on my team has betted his previous best time," Hart proudly states.

"There has been terrific cooperation between The University's School Suns Swim Team coached by Dennis Burstein, and the University's AAU team, Hart says. "The AAU team was there to help Dennis at both meets that The University School ran, with Dr. Hart acting as starter. In return, Dennis Burstein has been to AAU practice with a stopwatch in his hand.

The two groups plan to run a swim-a-thon to raise money for equipment needed at the school pool - pace clock, blocks, etc. "This cooperation will make for a good Junior High and High School team as well as a great AAU team-all sponsored by The University School," Hart says.
PRODUCTION TALKS OF
SCANNER UNDERWAY

The New York Institute of Tech-
nology-Nova University Science and
Technological Center at Port Everglades
is negotiating with six companies for a
license to produce a scanner for
detection of its sonic scanning device for
medical diagnosis and preparing to apply for
a patent on a solar air conditioning
system.

The center, directed by Dr. William E.
Glen, is housed in recently completed
quarters on the site of Nova University's
Oceanographic Laboratory in Dania.

The scanner employs sound waves
rather than X-ray examination of the
human body and is particularly applicable in
diagnosing the potential danger to the
care of the heart.

Companies in the field of manufactur-
ing medical instruments are seeking agree-
ments by which they can produce the
scanners under royalty and research con-
tracts, Dr. Glenn reported.

Decisions on these applications are to
be made within a month, he said.

To some degree, he added, the scanner
is capable of replacing the costly CAT
(Computed Axial Tomography) scanners
which have created controversy in the
medical field in recent months.

CATs cost in the neighborhood of
$500,000, and their use is expensive to the
patient. In some areas, such as Dade
County, controversy has arisen because
several hospitals have acquired them and
are argued that they are expensive and
used unnecessarily so they can be paid for.

CATs are valuable for brain scanning.
Dr. Glenn said. His scanner is less
useful in this work "because we can't get
through the skull very well."

It can be used, however, in other
applications, such as imaging soft tissue in
the abdomen, homing in which CATs are
being used, "and it costs about one-tenth
as much." In addition, the sonic device
throughput can do no harm to the patient
because it does not employ X-ray.

As to the solar air conditioner, the
Scientist and Technological Center direc-
tor said, "We'll be filling a patent soon and
we could have a small model finished
by the end of the year."

It has been designed as a low-cost
installation for medical doctors and commer-
cial buildings.

Plans for future programs to be
developed at the Nova University Coral
Springs Center include:

- Early Childhood Program -- A day-care
  for children of mothers in Nova pro-
  grams; use of the day-care group in experi-
  mental learning activities; train-
ing of Nova graduate students in Early
  Childhood research and lab activities;
  parent-training programs and learning
disability diagnosis and remediation in
  young children.

- Cultural and Fine Arts Programs -- A
  film festival at Coral Springs; a quality
  art exhibit in cooperation with the Fort
  Lauderdale-Museum of Fine Arts; the
  establishment of a poetry and creative
  writing center.

- Undergraduate Credit Courses in Com-
  munity-Based Education -- Modification
  of existing courses to provide for rele-
  vant community experiences for stu-
  dents and the development of coopera-
  tive, hands-on projects for students
  seeking to be involved in community change
  and/or improvement.

- Non-Credit Courses, Seminars and
  Workshops -- Free Law Workshops;
  Changing Role of Woman Workshop;
  Alternative Women Careers Workshop,

- Nova College of the Air-Vide-
  o courses, live half-hour programs on
  television.

- Learning Resource Center -- Video
tapes, computerized instruction and an
educational technology demonstration center;
developmental workshops to create
materials.

(continued from page 6)

Dr. Mark Wimbush
Recovering

Underwater Equipment

Doctor Virginia Scigliano has joined the Nova University Coral Springs Center as director of the laboratory for Community-Based Education.

"One major component of this Center is the design, development and testing of organizational and program models for community-based education," she points out, "We hope to incorporate existing research dimensions and develop new research as appropriate. It is expected that programs will be designed and imple-
mented with input, direction, coordination
and assistance from the community served--Coral Springs and North Broward County."

It is also anticipated that the National Advisory Panel on Community-Based Education, currently in operation by the Institute for Higher Education, will be utilized as a resource.

Community-based institutions must
match to a different destiny," she comments. "Nova University's field-based programs have already proven that private institutions can take the lead and explore
models with institutions can take the lead and explore
all areas of community education.

Moreover, the development of community education, she says, "will be a part of the resource base for such an approach well into the future."

"We will be seeking local community resource
experts, specialists in adult education, audio-visual equipment, and resource specialists carrying out research projects or seeking local community resource infor-
mation. As a result, Nova University's Coral
Springs Center will be able to develop a
body of knowledge and a set of strategies utilized during the Center's developmental phases, as well as for pilot programs, she adds.

Dr. Scigliano is responsible for the
acquisition, organization and dissemin-
ation of information and resources from all areas that may be relevant to community education. It will be equipped with readily available audio-visual equipment, and resource persons will be available for assisting individuals carrying out research projects or seeking local community resource informa-
tion, or for developing new centers as a research-resource center for Nova stu-
dents, professionals and the community.

Community-based education is a
movement to develop community-based insti-
tutions, Dr. Scigliano points out. "It is likely that private, innovative institutions, such as Nova University, can adopt such a system more readily and with more flexibility than the public-supported institutions, since their greater freedom from contr-
straints and newer cooperative admin-
istrative styles offer a more positive climate
for such community-based directions," she adds.

A graduate of the University of Flor-
da where she majored in political science and mathematics, Dr. Scigliano also holds her master's degree in rehabilitation counseling from Gainesville, Her Ph.D. in educational administration is from the University of Texas at Austin.

She has served as an adjunct professor of Educational Administration and Evalu-
ation at Nova University and was a
director of College C at Hillsborough Community College, Tampa, Florida. Dr. Scigliano has served as a Congression-
al Intern and Educational Consultant to U.S. Congressman Charles Young, as project director of the State Funded Project on General Education at St. Petersburg Junior College and as project director of the State Funded Project on Human Relations, Columbia, S.C.

(continued from page 6)

hour the camera automatically maps several color photos of the sand ripples.

The plan for recovery of the rig was by means of cored acoustic imagery to trigger devices for releasing weights that hold the equipment down, allowing it to float to the surface.

August 23, a month after its installa-
tion, 30 miles east of Fort Lauderdale in Florida Straits, the apparatus was acoustically recalled.

It did not surface.

"After an airplane sweep of the area
and an unsuccessful dragging operation, recovery prospects looked dim," Wim-
bush reported. "Luckily, based on our experience, our lab vessel was granted, and our hopes rose."

On September 4 the Youngster III, a research vessel donated to the Nova University laboratory was the vessel R/V Wood that had rescued the Johnson-Sea Link project.

The assembly was attended by 700 people, the famous "Luddy, the photographic
scientists from around the world who meet every six years.

"After Edinburgh I attended the Insti-
tute of Oceanographic Sciences near Lon-
don," says Wimbush. "I have talked there was more specialized, 'Sediment Transport in the Deep Florida Straits.' The scientists were surprised at the vigorous movement of the material. They were curious about what they saw. They had not been found! There was tremendous ex-
citement. From the strobe light's flashes we watched it still working.

Ten days later, Dr. Wimbush presented his paper "Small Scale Abyssal Pro-
cesses," complete with photographs, to the Interdisciplinary Session of the Joint Oceanographic Assembly in Edinburgh. The assembly was attended by 700 ocean-
ographic scientists from around the world who meet every six years.

"After Edinburgh I attended the Insti-
tute of Oceanographic Sciences near Lon-
don," says Wimbush. "I have talked there was more specialized, 'Sediment Transport in the Deep Florida Straits.' The scientists were surprised at the vigorous movement of the material. They were curious about what they saw. They had not been found! There was tremendous ex-
citement. From the strobe light's flashes we watched it still working.

Ten days later, Dr. Wimbush presented his paper "Small Scale Abyssal Pro-
cesses," complete with photographs, to the Interdisciplinary Session of the Joint Oceanographic Assembly in Edinburgh. The assembly was attended by 700 ocean-
ographic scientists from around the world who meet every six years.

"After Edinburgh I attended the Insti-
tute of Oceanographic Sciences near Lon-
don," says Wimbush. "I have talked there was more specialized, 'Sediment Transport in the Deep Florida Straits.' The scientists were surprised at the vigorous movement of the material. They were curious about what they saw. They had not been found! There was tremendous ex-
citement. From the strobe light's flashes we watched it still working.

Ten days later, Dr. Wimbush presented his paper "Small Scale Abyssal Pro-
cesses," complete with photographs, to the Interdisciplinary Session of the Joint Oceanographic Assembly in Edinburgh. The assembly was attended by 700 ocean-
ographic scientists from around the world who meet every six years.

"After Edinburgh I attended the Insti-
tute of Oceanographic Sciences near Lon-
don," says Wimbush. "I have talked there was more specialized, 'Sediment Transport in the Deep Florida Straits.' The scientists were surprised at the vigorous movement of the material. They were curious about what they saw. They had not been found! There was tremendous ex-
citement. From the strobe light's flashes we watched it still working."
Graduate Business Program Expands

An expansion of Nova University's Graduate Management Programs is underway with plans for the Doctorate of Science in Human Resource Management (HRM) are in operation at the university's main campus, the addition, an HRM cluster is to begin in the Graduate Business Program director of the Life in Bethe sda, Md., will supply hamsters to highly sensitive and offer a unique testing Chemicals...slide to various cancer testing institute...in the country for research. Dr. Warren emphasized the need for isolation of the hamster and the uniqueness of it as a testing animal because, "its vulnerability and sensitivity to any common virus (germ) could complicate testing." Hamsters embryonic cells can be changed easily by many alterations of its environment.

Dr. John Thurber, Associate Professor of Management

A new program to provide ultra-clean, pregnant hamsters as test animals in the continuing study of cancer research has been developed by Dr. Joel Warren, director of the Life Science Center of Nova University. The program, which is funded by the National Cancer Institute in Bethesda, Md., will supply hamsters to be used in studies to determine the effects of chemicals found in foodstuffs, drinks and cosmetics. The cells of the embryonic hamster are highly sensitive and offer a unique situation for the examination of cellular change, Warren said. There are approximately 500 hamsters presently housed in the laboratories of the Center. These animals mature in isolated homes that are as clean and germfree as possible, allowing the mother hamster to conceive her offspring under aseptic conditions. After conception, the pregnant female hamsters are shipped to various cancer testing institutes in the country for research. Dr. Joel Warren, Director Life Science Center, shippe...its vulnerability and sensitivity to any common virus (germ) could complicate testing." Hamsters embryonic cells can be changed easily by many alterations of its environment.

Favorable Trends Point To Economic Change

All the indicators point to a steady improvement in the economy of Broward County, real estate, economists and business leaders agree. Total business receipts and real estate sales are setting new records, housing starts are increasing and the inventory of unsold dwelling units is declining noticeably. Significantly favorable trends were reported October 29 at a session of the Nova University Executive Conference devoted to an examination of the area's economy.

Dr. Martin Viener, Associate Professor of Management

Dr. John Thurber, Director Professional Staff Development, the School Board of Palm Beach County, Florida, was invited by the Organization for Economic Cooperation and Development to represent the United States at a conference on Strategies for Schools-Focused Support Structure for Teachers in Change and Innovation. The conference held October 20-22 in Stockholm, Sweden, dealt with international cooperation and co-development in strategies for in-service teacher training and development. Dr. Thurber made a presentation on school-based staff development. During his Maxi-I practicum effort, while enrolled in Nova University's National Est Program for Educational Leaders, Dr. Thurber developed a management model for a school-based staff development program that could be used, with modifications, in middle and large sized school districts. During the 1975-76 school year, the school-based staff development program in Palm Beach County schools had a total of 134,235 man hours spent by 3,793 persons in in-service activities. This is an increase in total in-service hours of 44 percent prior to the implementation three years ago of such a management system. There has been a concomitant increase in the positive attitudes toward teachers in given as part of the Defense's in-service staff development since the District made the switch to school-based in-service programs, Thurber reports. Dr. Thurber also presented a summary paper to be used by member countries after the conference.

Hamsters Used in Testing Chemicals

Dr. John Thurber Attends Conference in Sweden

Dr. John Thurber, Director Professional Staff Development, the School Board of Palm Beach County, Florida, was invited by the Organization for Economic Cooperation and Development to represent the United States at a conference on Strategies for Schools-Focused Support Structure for Teachers in Change and Innovation. The conference held October 20-22 in Stockholm, Sweden, dealt with international cooperation and co-development in strategies for in-service teacher training and development. Dr. Thurber made a presentation on school-based staff development. During his Maxi-I practicum effort, while enrolled in Nova University's National Est Program for Educational Leaders, Dr. Thurber developed a management model for a school-based staff development program that could be used, with modifications, in middle and large sized school districts. During the 1975-76 school year, the school-based staff development program in Palm Beach County schools had a total of 134,235 man hours spent by 3,793 persons in in-service activities. This is an increase in total in-service hours of 44 percent prior to the implementation three years ago of such a management system. There has been a concomitant increase in the positive attitudes toward teachers in given as part of the Defense's in-service staff development since the District made the switch to school-based in-service programs, Thurber reports. Dr. Thurber also presented a summary paper to be used by member countries after the conference.

Dr. Martin Viener, Associate Professor of Management

An expansion of Nova University's Graduate Management Programs is underway with plans for the Doctorate of Science in Human Resource Management (HRM) are in operation at the university's main campus, the addition, an HRM cluster is to begin in the Graduate Business Program director of the Life in Bethe sda, Md., will supply hamsters to highly sensitive and offer a unique testing Chemicals...slide to various cancer testing institute...in the country for research. Dr. Warren emphasized the need for isolation of the hamster and the uniqueness of it as a testing animal because, "its vulnerability and sensitivity to any common virus (germ) could complicate testing." Hamsters embryonic cells can be changed easily by many alterations of its environment.

Dr. John Thurber, Associate Professor of Management

A new program to provide ultra-clean, pregnant hamsters as test animals in the continuing study of cancer research has been developed by Dr. Joel Warren, director of the Life Science Center of Nova University. The program, which is funded by the National Cancer Institute in Bethesda, Md., will supply hamsters to be used in studies to determine the effects of chemicals found in foodstuffs, drinks and cosmetics. The cells of the embryonic hamster are highly sensitive and offer a unique situation for the examination of cellular change, Warren said. There are approximately 500 hamsters presently housed in the laboratories of the Center. These animals mature in isolated homes that are as clean and germfree as possible, allowing the mother hamster to conceive her offspring under aseptic conditions. After conception, the pregnant female hamsters are shipped to various cancer testing institutes in the country for research. Dr. Joel Warren, Director Life Science Center, shippe...its vulnerability and sensitivity to any common virus (germ) could complicate testing." Hamsters embryonic cells can be changed easily by many alterations of its environment.

Favorable Trends Point To Economic Change

All the indicators point to a steady improvement in the economy of Broward County, real estate, economists and business leaders agree. Total business receipts and real estate sales are setting new records, housing starts are increasing and the inventory of unsold dwelling units is declining noticeably. Significantly favorable trends were reported October 29 at a session of the Nova University Executive Conference devoted to an examination of the area's economy.

Dr. Martin Viener, Associate Professor of Management

An expansion of Nova University's Graduate Management Programs is underway with plans for the Doctorate of Science in Human Resource Management (HRM) are in operation at the university's main campus, the addition, an HRM cluster is to begin in the Graduate Business Program director of the Life in Bethe sda, Md., will supply hamsters to highly sensitive and offer a unique testing Chemicals...slide to various cancer testing institute...in the country for research. Dr. Warren emphasized the need for isolation of the hamster and the uniqueness of it as a testing animal because, "its vulnerability and sensitivity to any common virus (germ) could complicate testing." Hamsters embryonic cells can be changed easily by many alterations of its environment.

Dr. John Thurber, Associate Professor of Management

A new program to provide ultra-clean, pregnant hamsters as test animals in the continuing study of cancer research has been developed by Dr. Joel Warren, director of the Life Science Center of Nova University. The program, which is funded by the National Cancer Institute in Bethesda, Md., will supply hamsters to be used in studies to determine the effects of chemicals found in foodstuffs, drinks and cosmetics. The cells of the embryonic hamster are highly sensitive and offer a unique situation for the examination of cellular change, Warren said. There are approximately 500 hamsters presently housed in the laboratories of the Center. These animals mature in isolated homes that are as clean and germfree as possible, allowing the mother hamster to conceive her offspring under aseptic conditions. After conception, the pregnant female hamsters are shipped to various cancer testing institutes in the country for research. Dr. Joel Warren, Director Life Science Center, shippe...its vulnerability and sensitivity to any common virus (germ) could complicate testing." Hamsters embryonic cells can be changed easily by many alterations of its environment.
University School Presents
Lecture Series
For Parents

Children's Needs and How They Learn" was the topic of the first in a series of talks for parents and the public offered by The University School of Nova University. The talk by Dr. Joseph Randazzo, Headmaster, raised the following questions: Do you know what needs your children have that most affect their learning? Are your children's needs being met at school and at home? What basic responsibilities does the school undertake? Why team teaching and individualized instruction? Why does the University School let children talk to each other as much as it does?

The lecture series includes: "Motivation and Developmental Psychology," Dr. Marilyn Segal, Jan. 12; "Values and Self Concept," Dr. Armand Cerbone, Feb. 16; "Putting It All Together With the House Directors," panel discussion with Dr. Joan Gelormino, Dr. Leonard Tomasselli and Dr. James Smith, March 16. All lectures are at 8 p.m. at The University School and are offered without charge.

Living And Learning Film "Beyond Tomorrow"

The Learning Technology Laboratory has just completed a sound and color film entitled "Beyond Tomorrow." Designed for public presentation, the film is 11 minutes long and portrays three of the Living and Learning Center programs. The first of the film's three segments presents the Residential Program for boys. The second segment depicts the Parent Project and the third segment presents the Children's Assessment and Treatment Program.

"Beyond Tomorrow" is a positive presentation of the three programs and will be available in Super 8 cartridge and possibly in 16mm film also.
A new version of the Nova University slide/tape show has been completed. Providing an overview, "Nova University 1976" lasts a little over 12 minutes and is ideal for public presentations. The narration is available on cassette tape with either audible tone or synchronized slide change.

Dr. Wardell Publishes Ed.D. Article

Dr. Douglas Wardell, director of the TV Center at Central Connecticut State College, New Britain, Conn., recently published his Major Applied Research Project for his Ed.D. in the Nova University Program for Community College Faculty in Education/Industrial Television Magazine, a nationally syndicated publication. Titled "Which is the Better Presenter, an ITV Instructor or a Trained Communicator?", the article deals with a research project that demonstrated results its author did not expect.

Dr. Wardell's findings were that "the ratings for TV presenters depended on what was being presented, not on who said it."

His article concludes: "Until we know and can specifically identify those characteristics that make for a successful ITV teacher, we cannot expect college students to be enthusiastic about being taught by television. We need inspired teaching - true. But there is no reason to assume that the learning process cannot be academically rigorous and at the same time also be entertaining. To this end, we should dedicate our cooperative efforts as academics and/or media producers."

Nova University Community Singers

Membership is still open in the Nova University Singers. The College Community Singers recently completed two week workshops on classroom management for St. Louis Church (Miami) and the St. Maurice (Bollywood) Confraternity of Christian Doctrine teachers.

Dr. MARK WIMBUSCH, Associate Professor of Neuroanatomy, presented a paper entitled "Small Scale Apyral Processes" at the Joint Osteological Assembly, Edinburgh, Scotland, on September 15. See story on page 6.