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## Novacrat, April 1970

Nova University

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April, 1970

Volume 5 - No. 4

## DELIGHTFUL SPRING AFFAIR PLANNED IN HONOR OF LADIES OF GOLD KEY MEMBERS

COMMENCEMENT SPEAKER



**Athelstan Spilhaus, D.Sc.**  
—President, American Association  
for the Advancement of  
Science.

### FIRST COMMENCEMENT OF NOVA UNIVERSITY TO TAKE PLACE ON CAMPUS, SUNDAY, MAY 17

Nova University approaches a climatic date.

At its initial Commencement, it will award its first Doctors of Philosophy degrees since it was chartered in 1964.

The date: 3 p.m., Sunday, May 17, 1970. The place: in front of the majestic Parker Building on the westernmost section of the Davie campus.

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### Flowers, Music, Ice Carvings, Sky High Setting, Superb Food and Service All Designed For Memorable Evening

Men of GOLD KEY are preparing something extra special in honor of their ladies in the Annual Spring Dinner this year.

The dinner, a black tie affair, will be held in those beautiful rooms atop the Sheraton Hotel at 303 North Atlantic Boulevard on the Fort Lauderdale Beach. Cocktails will be at 7 p.m., dinner at 8 o'clock on Saturday, May 2.

The ladies will be privileged to see where the men have held their fall affairs for the past several years; to sample the gourmet foods and hors d'oeuvres buffet prepared for them, and to enjoy the Ice Carvings of Nova, the GOLD KEY styroform centerpiece, and the floral decorations.

Bob Gill, Beverly Mills and Milo Stelt are giving us some personal attention on this party. Its an end-of-the-season affair, designed to be relaxing, and fun-filled.

President Stanley Emerson and his "Fran" will be your hosts and will be assisted by his officers and directors and their ladies.

About the food, it is probably enough to say that there will be prime roast fillet of beef a la Wellington Gouquetiere, Caesar Salad, Baked Alaska and Cote de

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# FIRST NOVA UNIVERSITY COMMENCEMENT

In the event of rain, the ceremonies will be held in the new Hollywood Education Center.

Five Ph.D. degrees will be given; three in Social Behavioral Sciences and two in Oceanography.

Three Honorary degrees will be presented; a Doctor of Humanities to James Farquhar, Chairman of the Nova Board of Trustees; a Doctor of Science to Louis W. Parker, distinguished inventor, scientist and philanthropist; and a Doctor of Humanities to Dr. Athelstan Spilhaus, who will deliver the Commencement Address. Parker and Farquhar are GOLD KEY members.

Faculty, Trustees, graduating students, and those receiving honorary degrees, will appear in academic costume. Those holding Doctoral and Master's degrees will wear appropriate colored hoods.

In medieval practice, the student receiving his "first degree in art" was crowned with a garland of bayberries hence "baccalaureate" and bachelor. The "Master's degree" was a license to teach. The Doctor was better qualified to teach, for his degree required advanced study, independent research, and defense of a "thesis." These standards still apply to the Doctor's degree, except for those conferred *honoris causa* (as honorary degrees) for meritorious service in public or private endeavor.

Three bars of velvet on a full sleeve distinguish the Doctor's gown. The tassel on the mortarboard, the traditional cap, may be gold for a Doctor or may indicate the field of study.

Colors to expect at the Nova Commencement are yellow for Science, blue for Philosophy and light blue for Education.

## PLANNED BY WISHART

Planning Commencement activities was directed by Dr. A. W. Wishart, Director of Admissions, Col. L. C. Berry, Miss Helen Fabrizio, Executive Assistant to Dr. Abraham Fischler, John W. Grace, and wives of graduating students, assisted.

Music will be furnished by the Nova High School Band, Thomas Williams, Conductor. Reverend Harold Brooks, Christ Church, will give the invocation. Rabbi Samuel Z. Jaffee of Temple Beth El, the benediction.

Dr. Abraham S. Fischler, Executive Vice President and Dean of Graduate Studies will confer the degrees.

Mr. Farquhar will confer the honorary degree on Dr. Spilhaus, and will receive his degree from Robert C. Ellyson, Vice Chairman of the Trustees. The Parker degree will be presented by M. R. Young, Vice President of the Trustees.

## FISCHLER PRESENTS DEGREES

Dr. Fischler will present Ph.D.'s to the following:

Earl Hughes, B.S., 1960, Winona State College; M.N.S., 1964, University of South Dakota; Major: Science Education; Dissertation: Role Playing as a Technique for Developing a Scientific Attitude in Elementary Teacher Trainees. Advisor: Dr. Abraham S. Fischler.

Robert Kendall, B.A., 1959, Pomona College; B.S., 1964, University of Washington; M.S. Candidate, 1966, University of Hawaii; Major: Oceanography; Dissertation: "The Pacific Equatorial Countercurrent." Advisor: Dr. William S. Richardson.

Clarice Moreth, B.S., 1964; M.S., 1965, University of Wisconsin; Major: Oceanography; Dissertation: Contribution by *Oscillatoria erythraea* (Ehrenb.) Kutz, to the Primary Productivity of the Tropical Marine Environment. Advisor: Professor Charles S. Yentsch.

Marilyn Segal, B.A., 1948, Wellesley College; Major: Behavioral Sciences; Dissertation: Comparative Study of Four Reading Readiness Programs with a population of Lower Socio-Economic Level Kindergarten Children. Advisor: Dr. Abraham S. Fischler.

Michael Yost; B.A., 1959, Lenoir Rhyne College; M.Ed., 1965, Pennsylvania State University; Major: Science Education; Dissertation: The Effect on Learning of Post Instructional Verbal Responses to Questions of Different Degrees of Complexity. Advisor: Dr. Abraham S. Fischler.

Board of Trustees of Nova University: Robert O. Barber, Jim Bishop, James Donn, Jr., W. Tinsley Ellis, Robert C. Ellyson, James Farquhar, Abraham S. Fischler, Foy B. Fleming, Hamilton Forman, G. Russell French, Leo Goodwin, Jr., William D. Horvitz, L. C. Judd, Dwight S. Rogers, Jr., Myron Segal, M.D., Warren J. Winstead, M. R. Young. (all GOLD KEYSMEN!)

Honorary Trustees: Donald U. Bathrick, James Donn, Sr., George W. English, A. L. Mailman, Henry D. Perry, Sixten F. Wollmar, Louis W. Parker.

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# TO ENTERTAIN AT SHERATON PARTY MAY 2

Kay Carole and her Tommy have appeared with Steve Lawrence, Jack Jones, Julius LaRosa, Joey Bishop, Pearl Bailey, and Bill Dana.

They have appeared at the Dunes in Las Vegas; Shamrock-Hilton in Houston; Sherman House in Grand Bahamas; Fountainebleau Hotel in Miami Beach; and the Beverly-Hilton in Beverly Hills.

*Variety* said that "the comparison between Miss Carole's modus operandi and that of Don Rickles is inevitable . . .

"She should draw a "Name" crowd which enjoys the insult routine a la Jack E. Leonard and Don Rickles.

Miss Carole is also a natural for Las Vegas."



## OPEN HOUSE STAGED WITH LIBRARIAN HAVLIK FOR RETIRED PROFESSIONALS

GOLD KEY joined forces with Robert J. Havlik, Director of Nova University Libraries, to stage a successful late March Open House for distinguished retired business and professional people of the South Florida area.

Dr. Abraham Fischler welcomed the group. Dr. Charles Forman contributed to the entertainment.

A special feature was the tour of the Germ-Free Life Sciences Center led by Dr. Joel Warren, Director. He spoke on new research techniques being developed.

Special invitations went to persons who had given usable scientific books and journals to the University. Fifty attended.

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The Fort Lauderdale-Hallandale-Hollywood area is rich in resources of retired talent.

Nova believes that intellectual curiosity never retires, and that it is important to let its resources be known as part of a program of continuing education in the community.

Some of the outstanding people in attendance were: Dr. W. H. Blank, President of the Association of Retired Doctors of Medicine of Broward County; Mr. and Mrs. O. Worthington, past State President of the Florida Retired Teachers Association; Mr. and Mrs. I. Emin, a Retired Physicist and Russian Translator for the American Institute of Physics; Mr. Donald J. Loder, a Retired chemist and consultant to DuPont Corporation and the University of Delaware; and Mr. and Mrs. Edward Dincin, Retired Engineer and Pharmaceutical Manufacturer. Also, Representatives from the Broward County Medical Association, Broward County Board of Public Instruction, Davie Chamber of Commerce and many local civic organizations.



## COMMENCEMENT (Cont'd)

### FACULTY

Faculty in Oceanography: William S. Richardson, Gulfstream Professor of Oceanography; Dayton E. Carritt, GOLD KEY Professor of Chemical Oceanography; Roy C. Herndon, Associate Professor of Physics; Pearn P. Niller, Associate Professor of Theoretical Oceanography; Russell L. Snyder, Associate Professor of Physical Oceanography; Charles S. Yentsch, Associate Professor of Marine Biology; Stephen R. Baig, Assistant Professor of Marine Biology; Dennis W. Moore, Assistant Professor of Theoretical Oceanography.

Faculty in Life Sciences: Joel Warren, Professor of Cytology; Robert Schwartz, Research Fellow in Oncology; Miriam Sacksteder, Research Fellow in Gnotobiology.

### BEHAVIORAL SCIENCE

Faculty in Behavioral Science: Abraham S. Fischler, James Donn Professor of Education; Marvin Rosenblatt, Professor of Clinical Psychology; Ernest Dichter, Distinguished Adjunct Professor; Robert J. Jones, Associate Professor of Clinical Psychology; William A. Love, Associate Professor of Psychology; Judith R. Steward, Acting Associate Professor of Psychology; John M. Flynn, Assistant Professor of Educational Psychology.

Dr. Spilhaus is President of the American Association for the Advancement of Science. He is a Meteorologist and an Oceanographer. He served as a research assistant at M.I.T. and at Woods Hole, Massachusetts.

He holds numerous citations and is a member of learned societies. He was born in Capetown, Union of South Africa. He has been in the United States since 1931.

## UNIVIS LABELS EYE GLASSES

Univis has developed an ingenious way to label the thousands upon thousands of eye glasses produced each year, according to R. O. "Bob" Barber, President.

"Brand names in lenses are now stressed," Barber said, "Our label is microscopic. To see it the lense must be tilted to a certain angle. The shelf forming the top of the D-shaped bifocal part is tinted and serrated.

"That's our trademark."

## SPRING AFFAIR (Cont'd)

Beaune Village 1964, served with dinner, and assorted hot and cold deluxe hors d'oeuvres.

The Frank Ordell trio will play for dancing throughout the evening. Frank is an accomplished pianist and accordionists. His group has the beat!

Kay Carole, a "new wave" ventriloquist, and her dummy Tommy (pictured and described more completely in other columns of this issue) will furnish some "audience-participation" entertainment and fun.

Later, for those who desire, there is always the Sheraton's Ice Show.

This is a programmed evening to anticipate - and promises to be one to remember.

### DARK AGES?

By 1979, when the Seventies come to their close, industrial technology will make the sixties look like the dark ages. Automatic highways, computerized kitchens, person-to-person television, food from under the sea, these are just some of the things that will brighten, quicken and challenge life of tomorrow.

H. McP.

### THE '69 WALK

Far in the future, people assuredly will be looking back upon the year just ended as one of the most momentous in all history. It was in 1969 that man - and to be pridefully exact, American man - first walked on another world.

### TO COMMUNICATE

One of the great challenges will be - already is - how to communicate more effectively with a rapidly changing society. No decade in all history has exceeded the Sixties in terms of dramatic progress - its events are of such significance almost to defy contemporary analysis.

### VAST INNOVATIONS

Vast innovations in materials forming and handling, in faster and cheaper production, new ideas for the transmission of energy fuels, with new concepts for a systems approach to agriculture, are part of a super sophistication that's bringing new focus, power and imagination toward making this a better place in which to live and work than we found it.

H. McP.



## GOLD KEY HAS BABY SISTER IN ROYAL DAMES

GOLD KEY has a baby sister, the Royal Dames of Nova University.

Viable, enthusiastic, accomplishing things, going places, the Dames group is a year old this month. ( April, 1970)

It is dedicated to repayment of the substantial loan made to the University Cancer Research Program directed by Dr. Joel Warren.

Mrs. Bernard Castro, who spearheaded the organization, is President. Other officers: First Vice President, Mrs. James Farquhar; Second Vice President, Mrs. Hamilton Forman; Third Vice President, Mrs. Victor Goettel; and Secretary-Treasurer, Mrs. Curtis Clifford.

The Royal Dames staged their Tiara Ball January 22, 1970, in the Cathedral Room of the Boca Raton Hotel and Club. Among the guests were Prince Michael of Austria and Lady Oakes of Nassau. The second Tiara Ball will be held in Boca Raton, November 12, 1970.

The Dames join forces with the Fort Lauderdale Yankees to co-sponsor "Opening Night at Yankee Stadium" 7:30 p.m., Saturday, April 18. This is expected to become an annual event.

There are 21 Dames, and membership is growing.

Membership pins were designed by Mrs. Louis Parker and Mrs. Castro.

Welcome to the family, girls, and congratulations!

### LIVING TODAY

Ninety per cent of all the scientists who ever lived are living today.

Ninety per cent of all drugs used today were unknown 10 years ago.

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By the year 2,000 - only 30 years in the future - the average person now in high school will need to be retrained vocationally three times before he retires.

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By the year 2,000, travel by rockets will be as common as jet plane travel now.

## BROAD STUDY OF MAN AND HIS ENVIRONMENT FORSEEN AT NOVA BY "BILL" CALKINS

*Editor's Note: The late William F. Calkins, formerly of University of California who was Director of University Relations for Nova University, and who died last year, wrote the following as his final effort for the University.*

### NEW AT NOVA: COMPUTER AIDS GRADUATE STUDENTS IN RESEARCH

At Nova University, Fort Lauderdale, Fla., one of the nation's newest and most unusual graduate schools, a computer is helping Ph.D. candidates and faculty members perform original research for theses.

The university, which stresses complete academic freedom for its scholars, provides informal class sessions, offers no courses for credit and ignores grading in the traditional manner . . . .

Dr. Abraham S. Fischler, dean of Graduate Studies, said, "Computer science makes practical Nova's aim of developing question-askers and problem-solvers rather than creating an institution of departmentalized structures."

Each student works independently at his own project in one of four broad fields of research: physical sciences, education research, science education, or oceanography. . . .

Current projects under way at Nova include research on the role of teachers in changing school environment, group decision-making within communities, relationships of pupil intelligence to school curricula, decision-making in business, and diverse studies of the Gulf Stream.

#### 'BROAD STUDY OF MAN'

"What is involved is a broad study of man and his environment as well as man in relation to man," said Dean Fischler. . . .

Nova's 1130, a desk-sized computer for scientific and general purpose use, is available at all times to help researchers collect, store and analyze data pertinent to individual projects. The computer is centrally located at the Student Center on the university's 300-acre main campus, formerly a Navy airfield.

Each researcher can store a virtually limitless amount of information in a personal project library with the 1130 by using lightweight, removable disk cartridges — phonograph record-sized magnetic disks. One disk will store more than a million characters of information which can be retrieved by the computer at the rate of 8,000 characters per second.

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## ENVIRONMENT *(Continued)*

Dr. John M. Flynn, assistant professor of educational psychology, is director of the Computer Center at Nova University.

Dr. Robert J. Jones, assistant professor of psychology, said students begin applying research to the computer as soon as they enter the university, by learning to design programs for measuring and interpreting data. . . .

### THE YEAR AHEAD

It's easier to predict things to come for the decade than for the year just ahead. Our too plentiful plenty will continue producing more problems than those developed by poverty and paucity. At best, 1970 will be a year of transition with perhaps a valley, but hardly a recession, although it seems likely there will be some erosion of profits because of the inability to pass on fully the increasing costs of labor, fringe benefits and a shorter work week - it's probable that by 1980 a four-day work week will be common. It's safe to say, whatever lies ahead, the Sixties won't be mourned.

H McP

### THE '70's

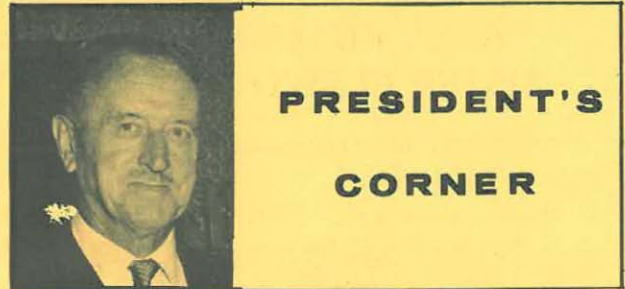
It's also safe to say that whatever emerges in the Seventies was forged in the crucible of the Sixties, a troubled decade scarred by assassinations, war, racial upheaval, alienation of youth, challenges to sacred national traditions, and massive pressure on deeply rooted institutions.

H McP

### FEELING GUILTY

There seems no end of things to feel guilty about. We can feel guilty about killing all those Indians and taking their land. If we hadn't built such an industrial country, we wouldn't have the problems of affluence. We could share the feeling Mark Twain voiced about his old hometown of Hannibal, Missouri, which he described thus: "When I was a boy everybody was poor, but didn't know it; and everybody was comfortable and did know it."

H McP



## PRESIDENT'S CORNER

I wish personally to thank all members of GOLD KEY who took the time to answer our recent questionnaire.

Your responses and reactions were most helpful. Many of your suggestions will be acted upon in the coming months. We will be a better organization because of this interest.

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Fran and I and my Directors and their wives look forward to greeting you and your ladies in person at our annual Spring Dinner at the Sheraton, May 2.

This will be a time to relax and enjoy ourselves after the strenuous winter.

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Also, this is a special thanks to those of you who have proposed a new member for GOLD KEY. It is our strong hope that we can increase the ranks of GOLD KEY by having each member nominate and help bring in one new person.

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Stan Emerson

### THE NOVACRAT

Published monthly in the interest of GOLD KEY of Nova University

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