

WEATHER
Mostly cloudy and continuing
warm with showers and scat-
tered thunderstorms today. Rath-
er windy, with showers ending
by this afternoon.

The Daily Tar Heel

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FOUR PAGES THIS ISSUE

Gavin, Holton Cite Need For More Unity

By SUSAN LEWIS
and HENRY MAYER

The "goallessness" of the American people and the "shameless gulf of ignorance" existing between the intellectuals and the scientists of today are the two primary problems man faces in a technological society, Symposium speakers Gen. James M. Gavin (ret.) and Dr. Gerald J. Holton said last night.

Both lecturers stressed the need for man to learn more about himself so that he may be able to cope with the phenomenal scientific growth of recent years. "The lack of clearly defined, meaningful goals and moral values that will give long-run satisfaction is the basic problem we face," James M. Gavin, former Chief of Research and Development of the Army, pointed out.

"Outstanding psychiatrists believe that satisfied people don't commit crimes and they don't get ulcers," a retired general said.

He said change itself is a "morally neutral concept" whose results depend upon how and where change is directed.

"Man in 1960 is... in the position of one who knows how to drive a car and is suddenly put in charge of an airplane," Gavin said.

He suggested that man reorient his thinking or the results are likely to be "catastrophic." "The techniques are there... but we must learn how to use them," he warned.

He stated he did not believe our goallessness could be blamed on scientific development or the Soviet threat but in "our extreme emphasis on the acquisition of external things as the be-all and end-all of life."

Looking to the positive side, Gavin cited man's flexibility and his respect for the dignity and freedom of man as his chief assets once he sets clear and meaningful goals.

Scientific discoveries, Gavin predicted, will not threaten man's ability to maintain his individuality. "It is up to us" whether we use scientific discoveries as weapons of destruction or tools to "make life in some way better for mankind," Gavin said.

"I believe that the solution to the dilemma that confronts us today," Gavin concluded, "lies simply in acquiring more knowledge of this dynamic rapidly changing world, of learning more about each other... and increasingly seeking to learn more... of making our judgments—not on the prejudices of the past, but on the aspirations and hopes of the future—and then of looking inward and being ourselves."

Dr. Holton, professor of physics at Harvard University and editor of "Dadalus," the Journals of the American Academy of Arts and Sciences, discussed the current "fear image" the public has of scientific progress, likening science to "the serpent which seduces us to eat from the tree of knowledge—and thereby dooms us."

The speaker pointed out that this schism did not exist in the past primarily because the "concepts and

attitudes of contemporary science were made part of the general humanistic concept of the time."

In addition to the over-all view, the scientists and scholars were able to set up a "reasonable equilibrium of compatible interpretations," because their wide range of interests enabled them to communicate their ideas to each other.

Although Dr. Holton quoted statistics which illustrated the need for the lack of attention to scientific advance, he also stated that scientists themselves are partly responsible for the gap existing today.

"Too many scientists have forgotten that especially at a time of rapid expansion of knowledge they have an extra obligation to the wider public to write honest explications of the essence of their discoveries in a language accessible to the non-scientist," he declared.

Dr. Holton warned that we must face the question that perhaps "science is giving us an image of man that accentuates the improbability of his external landscape at the cost of impoverishing his internal landscape."

In discussing several approaches to this problem, the speaker declared that there is no contradiction between the pursuit of knowledge and the establishment of a

stable system of moral values saying that "Not until man really knows more about himself will he be able to really carry out the dictates of higher reason."

Dr. Holton credited the internal function of science with providing scientists with the "glow of doing a job that is valuable." However the "greatest tragedy" of modern science is that the intellectual in other fields has not been able to share in this exalted image because of the extremely rapid pace of technological advance.

He cited the "brutal fact" that the non-scientist has no common sense foundation of thought, now that the principles of space, time and certainty have been made obsolete. Because of this feeling of bewilderment and terror in the scientific fields, no writer has been able to fuse the scientific ideas into a "great synthesis" which can represent the world as our intellectual and moral home.

In a forceful and inspiring conclusion, Dr. Holton optimistically predicted that it may take "heroic educational efforts before our intellectual leaders will be able to again find ourselves at home and in control of this complex world. But on the success of this, more than anything else, depends whether the bright image of man projected by science can come true."

Population Is Major Problem, Sax Asserts

By JIM SZLAGY

"The year 1960 marks the beginning of open recognition that the population problem is the major problem in the world today," Karl Sax, visiting professor of Botany at Yale University told yesterday afternoon's Carolina Symposium audience in Chapel Hill.

In an urgent address, the author of "Standing Room Only" and "The Population Explosion" told a rapt audience that if measures aren't quickly taken to halt or slow down the population explosion, the human race will eat itself off the face of the earth.

He stated that this was an immediate problem and one that has to be solved now. Sax said, "What ever happens must happen within the next two years or the problem will be completely hopeless."

The speaker told the audience that the nations of the world must undergo a demographic transition. This is a transition from high birth and death rates and a low living standard to low birth and death rates and a high standard of living. He said that, presently, only 29 per cent of the world's nations have made this transition. Sax said that if the underdeveloped countries of the world wanted to enjoy the living standards of 1950 America they would have to increase their gross national product by at least 50 fold.

Sax stated that even these measures are accomplished in four ways:

1. Develop the productive efficiency of agriculture. This must be efficient enough to allow 50% of the men to go into business, medicine, education and science to help increase production.

2. Development of industry, transportation, communication and machinery. This would not only give the country tools to work with, but also goods to trade in exchange for food imports.

3. To have great migrations of people to other countries. This would take a little strain off population pressures.

4. To practice some type of birth control.

Sax said that this demographic ures would only be temporary. The only lasting guarantee to over-population would be good birth control measures.

He said that if the world population figure kept growing at the present rate there would only be one square yard of living space for each person on earth at the end of 600 years. Sax also stated that at the end of 1700 years the people on earth would outweigh the world.

Sax cited a possible escape from such a fate, by saying that we could build space ships and colonize other worlds. He added, however, that although this would be an event of the future, we would have to start building space ships that carry 2,000 men today, if we had to keep up with the explosive population growth.

Arnold To Speak On State, Its Part In Image Of Man At Symposium Tonight

Congressman, Dean Featured On Panel

By SUSAN LEWIS

Thurman W. Arnold, lawyer, author and government official, will deliver the feature address at tonight's Symposium 8 o'clock, Memorial Hall.

Speaking on "The State" and its part in "The Image of Man," Arnold will be introduced by Symposium's moderator, John Cogley.

Politically, Arnold has served in the House of Representatives for Wyoming and has been mayor of Laramie, Wyo.

As an educator, he was dean of the College of Law of West Virginia University for three years and professor of law at Yale University for eight years.

He is best known for his trust-busting activities as Attorney General of the United States in charge of anti-trust activities from 1935-42.

He has been assistant justice of U. S. Court of Appeals for the District of Columbia, member of the Temporary National Economy Committee and special assistant to the general Counsel of the Agriculture Adjustment Administration.

Presently he is senior partner in the law firm of Arnold, Fortas and Porter in Washington, D. C. He has authored "The Folklore of Capitalism," "The Bottlenecks of Business," "The Symbols of Government" and "Democracy and Free Enterprise."

TODAY'S SCHEDULE

10 a.m. — Gerold Holton, seminar on "Can Our Culture Survive the Rise of Science?," Gerard Hall

2 p.m. — Computer Dedication Program, addresses by Robert Burgess, Jay Schnaekel and Alan Waterman, Memorial Hall

8 p.m. — Thurman Arnold, address on "The State," panelists William H. Ayres and Henry P. Brandis, Jr., Memorial Hall

10 p.m. — Reception, Graham Memorial

Panelists for the night include The Honorable William H. Ayres, U. S. Representative from Ohio.

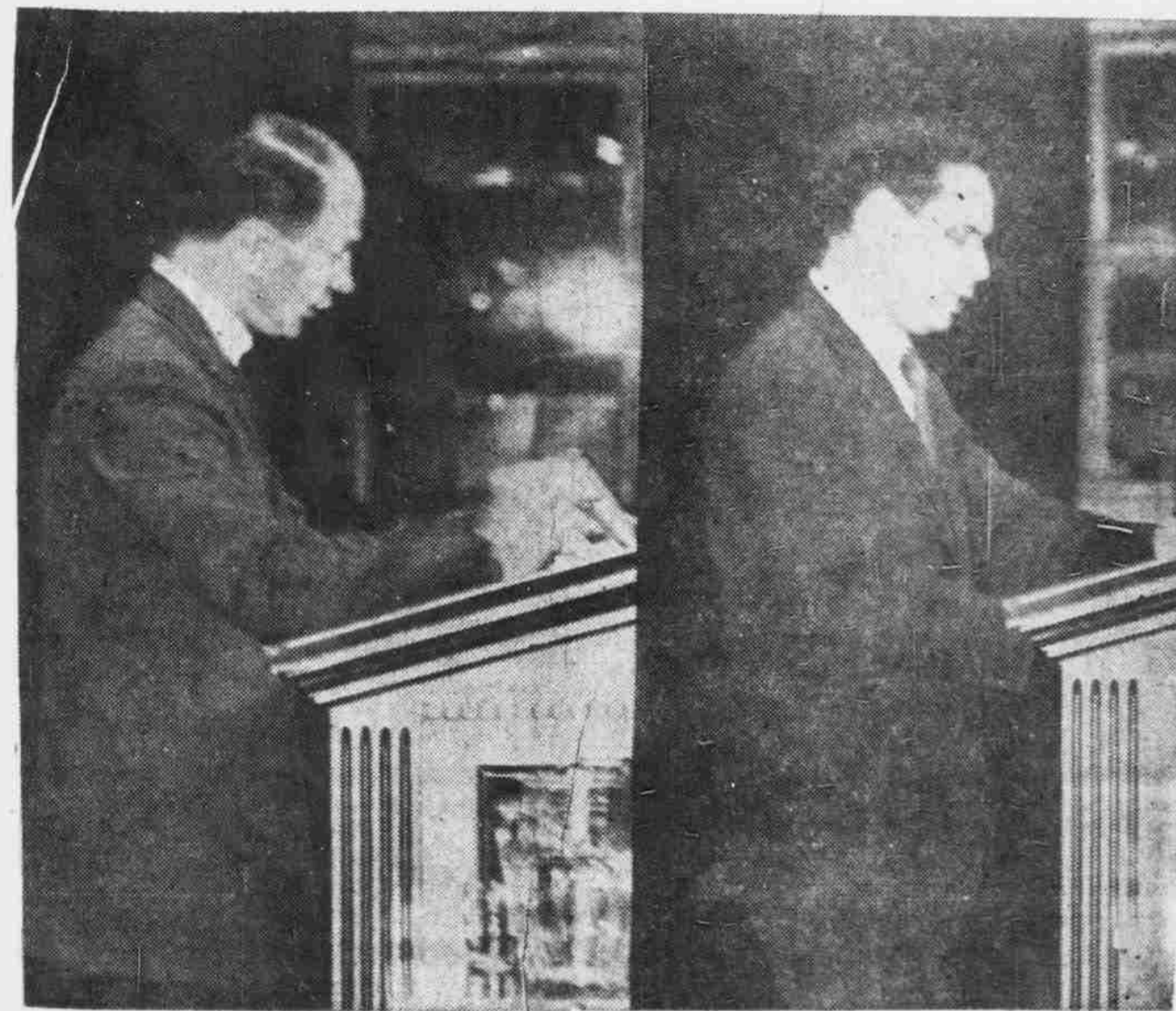
Journalistic Group Elects New Officers

Al Claytor was elected president of Sigma Delta Chi, professional journalistic fraternity, in a special meeting Monday night.

Claytor is a junior journalism major from Lincolnton.

Other officers are Stan Fisher, vice-president; Ed Riner, secretary and Neil Murphy, treasurer.

Ten undergraduates were also pledged at the meeting: Alan Whiteleather, Arthur Glover, Cary Whitaker, Ervin Long, Dave Rawley, Larry Smith, Bob Haskell, Ken Wheeler, Charlie Dunn and Davis Young.



THE IMAGE OF MAN—Gen. James M. Gavin and Dr. Gerald Holton last night presented Symposium-goers with the problems man faces in a rapidly developing technological and scientific world. Photo by CHARLIE BLUMENTHAL

Order Of Old Well Taps 70 Students In Midnight Event

Seventy juniors and seniors were tapped into the Order of the Old Well at a midnight ceremony last night.

These initiates were chosen on the basis of their contributions in the areas of scholarship, service and leadership.

The Order selects its membership on the basis of an equitable point system which evaluates the various areas of student participation.

Students tapped included the following: Virginia Aldige, Joseph Alexander, Pete Austin, Nancy Aubrey, Nancy Baker, Stan Black, Sipra Bose, Pat Brady, Mike Childs, Thomas Corbett, Bob Covington, Jeane Crewes, Frank Crowther, William F. Davis, Angus Duff, Phil Edwards, Nancy Faison, Alice Forester, Belinda Foy, R. V. Fulke.

Roger Foushee, Cynthia Grant, George Grayson, David Grigg, Swag Grimsley, Robert L. Grubb, Claire Hanner, Diana Harmon, Peyton Hawes, Charles Himes, Howard Holderness, Russell Hollers, Bunkie Jester, Libby Johnson, David Jones, Ben Geer Keys, Mike Kizziah, Jay Lambeth Thomas Lawson, David Lefler, Karen Magau.

Campus Checklist

2-5 p.m. — Interviews for Student Government posts (presidential assistant, chairman Academic Affairs Committee, chairman Campus Affairs Committee, chairman International Students Board, NSA coordinator), Student Government office.

2-5 p.m. — Interviews for 1961 Yack staff, Yack office, basement GM.

3:30 p.m. — Coed's Tennis Club, Woman's Gym. All old members and girls interested in joining are asked to attend.

8 p.m. — Business Wives Club Upperware party, Victory Village Day Care Center. Members can bring guests.

4:30 p.m. — Foreign Students Orientation Counselors Meeting, Roland Parker III.

NAMED CAMPAIGN DIRECTOR

Rufus Edmisten has been appointed UNC campaign director for State Senator C. V. Henkel, a candidate for Lt. Governor of North Carolina. Edmisten has asked all persons interested in helping with the campaign on campus to contact him at 8-9018 or 403 Avery.

Carol Tieslau, Graham Walker, Sandy Trotman, Joseph Warner, Thomas White, Sue Wood, Jonathan Yardley and Davis Young.

The Order also tapped Ray Jeffries, assistant to the Dean of Student Affairs, Jeffries is the third faculty member to be honored during the years of the Old Well's functioning.

World News In Brief

Wake Forest Students Vote To Ban Negroes From School

WINSTON-SALEM (AP)—Wake Forest undergraduates voted Tuesday never to admit Negroes to the white, Baptist-supported institution here.

The straw vote was conducted among students of the School of Business Administration and the School of Liberal Arts and Sciences.

On a three-choice ballot, 742 students voted never to integrate, 322 voted to integrate in the relatively near future and 282 voted to integrate immediately. The total vote, 1,346, represented all but about 400 of the students in the two schools.

The outcome means nothing beyond an expression of the student will.

Castroges Bungle Job

WASHINGTON, March 29 (AP)—U.S. investigators held today a sworn statement that Castro officials conspired in an illegal plane flight which Cubans have blamed on the United States.

The statement came from William Schergales, one of the two U.S. fliers held by the Cubans since their small private craft came down in Matanzas, Cuba, on March 21.

Schergales was said to have plotted the incident with Dr. Juan Orta, a personal secretary in the office of Prime Minister Fidel Castro.

Washington authorities viewed the incident as a bungled attempt by the Castro regime to give Uncle Sam a propaganda black eye throughout Latin America and at the same time to get rid of one of Castro's Cuban enemies.

Ike, Macmillan Agree

GETTYSBURG, Pa., March 29 (AP)—President Eisenhower and Prime Minister Macmillan agreed today to offer Russia a short-term "voluntary moratorium" on small underground nuclear weapons tests—if Russia will sign an enforceable treaty ban against other tests.

House Ups Health, Education \$

WASHINGTON, March 29 (AP)—The House today voted a 197½ million dollar increase in health and education funds despite administration protests.

The money bill was passed after the House Appropriations Committee complained of administration budget policies in those fields.

The extra funds were in a \$4,184,022,731 bill to finance the Labor Department, the Department of Health, Education and Welfare and several small agencies for the fiscal year starting July 1. (More World News, Page 3)

Trio From Science, Industry To Speak

Dedication Set Today For UNC's Univac Computer



ROBERT W. BURGESS
... Census Bureau



JAY W. SCHNAEKEL
... Remington Rand



ALAN I. WATERMAN
... Science Foundation

Installed last summer, the Consolidated University's new Univac Scientific ERA-1105 Digital Computer will be dedicated this afternoon at 2 o'clock, Memorial Hall.

Three major figures in science and industry will speak at the dedication in cooperation with the Symposium program.

Addresses will be given by Robert W. Burgess, director of the Bureau of Census, Department of Commerce; Jay M. Schnaekel, vice president of Remington Rand Division of Sperry Rand Corporation and Alan I. Waterman, National Science Foundation director.

Serving as a teaching tool in University classes, the computer is being used as a research tool in areas of automatic programming, automatic numerical analysis, solution of partial differential equations and linear equations.

Supported by the National Science Foundation, the computation center has continued its study of digital computer mathematics and techniques in the Soviet Union.

Tours of the Univac and the Research Computation Center will be conducted every 30 minutes throughout the day, beginning at 10:30 a.m. in the Phillips Hall additions.

A miniature model of the Univac is on display in the Morehead Building.