

Inaugural Festivities Continue

WASHINGTON (AP) — Dignitaries and Democrats—even some Republicans—trekked the town in festive mood last night through a swirl of events heralding the presidential inauguration of Lyndon B. Johnson at noon today.

Johnson kept tinkering on his inaugural address and then joined the merry-makers.

For 50 minutes he crunched his way through a crushing crowd at a reception honoring governors. He had handshakes and a word for each state executive and occasionally a kiss on the cheek for the womenfolk.

The reception was held in the ballroom of the Sheraton Park Hotel with boxes for the governors arranged alphabetically by states around the rim.

Skips Reception

On the way back to the White House, Johnson detoured to the Sheraton Hotel for a reception honoring his vice president-elect, Hubert H. Humphrey. Before he got there someone remembered the party didn't start until later, so Johnson skipped that affair.

Before going to the traditional inaugural concert at Constitution Hall given by the National Symphony Orchestra, he stopped by a dinner at the State Department for dignitaries in the field of arts.

Thousands of other celebrators who started the social prowl early had their pick of dozens of levees, matinees and soirees—if they had the inclination and the right invitations and tickets.

There is no prospect of a repeater blizzard like the eight-inch snow storm that whipped into the capitol four years ago. Yesterday was fair and cold. Today: some cloudiness, temperature in the middle 30s, 15 to 20 mile winds out of the northwest.

Glass Barrier

More than 5,000 police, Secret Service men, U.S. marshals, troops and National Guardsmen will be spotted strategically around town to guard the President's life. A bulletproof glass barrier has been erected across the inaugural platform in front of the Capitol, to match another already in place in the pavilion in front of the White House from which Johnson will review the inaugural parade.

Three days of celebrating come to an end tonight at what the committee calls the inaugural ball, even though it has been whacked up into five sections to take care of more than 25,000 persons.

The biggest affair will bring about half the crowd to the National Guard Armory, where a wrecking crew worked frantically to turn what was a sort of theater for a gala variety show Monday night into a sort of dance hall.

Resign Duties

Ky's acceptance would have been tantamount to resignation from air force duties, in which he has been a spectacular figure. He was a leader of loyal forces that thwarted a military uprising against the Khanh administration here last Sept. 13. The rebels gave up after he threatened to bomb their positions.

Ky went into conference with his aides at his Saigon airport headquarters after notifying Chief of State Phan Khanh Suu that he was turning down the ministry.

Command of the air forces gives him pivotal influence in the power maneuvers among South Viet Nam's military leaders.



A CLOSE CONTEST involved Delta Gamma sorority and the "Reruns" in the second session of the USG College Bowl last night. The two teams will clash in a rematch tonight. David K. Russell, professor of education served as moderator.

College Bowl Match Shows Controversy

By KATHY CASE

University intellect reached a fever pitch last night in the second session of the Undergraduate Student Government College Bowl.

Only eight of the ten scheduled teams competed as Pi Beta Phi sorority forfeited to Beta Sigma Rho fraternity before their match began.

The contest was moderated by David K. Russell, professor of education, who also served as impromptu judge.

In the second contest of the evening (Delta Gamma sorority and a team known as the Reruns) some controversy arose over a question concerning stringed instruments. As the final score of the match was 100 to 95, both teams have agreed to hold a "rerun" of the match.

Another controversial contest was that of Phi Kappa Theta fraternity, with 96 points, and Phi Sigma Delta fraternity, with 80 points. The question concerned the proper physician to consult for tissue diseases. Phi Kappa Theta was judged correct with their answer of "histomologist."

Two Wins

In other contests Bartley Kane defeated Jordan Halls, 110 to 40 points and Phi Kappa Psi defeated North Halls, 116 to 76 points.

The contest will resume at 7 p.m. tonight in 17 Home Economics South. John K. Brillhart, assistant professor of speech, will moderate the contest.

Competing Teams

Competing teams are as follows: Delta Gamma sorority and the Reruns, Chester House and Pi Lambda Phi fraternity, Independents and Alpha Phi sorority, Arthur Tischler and Tau Kappa Epsilon fraternity, Theta Xi fraternity and Walnut House, West Halls and Sigma Pi fraternity.

Japanese Winner

The most recent recipient of the award is Kunihiko Takeuchi, a ninth term student in aerospace engineering, Takeuchi, from Minamiku Kyoto, Japan, is a transfer from Lincoln University.

Sabri Ayaz, a senior in civil engineering from Turkey held the award summer term.

Slavery Revived In Simmons

Being a slave can be fun. It may not have been true 100 years ago but it was last night at a slave auction and mixer at Simmons recreation room.

The men from Pollock B and the women from Simmons coordinated the event in which 11 women and six men were auctioned off. A total of \$19.33 was raised which will be donated to charity. The bidding was handled by a professional auctioneer.

Each slave wore a sheet and a veil to cover his or her face during the bidding. Bids ranged from seven cents to \$4. After the auction a mixer was held at which time the slaves were at their masters' command.

One senior resident volunteered to be a slave and got down on her hands and knees and swept the floor with a toothbrush. Another slave was told to climb a wall but she refused. Even when her master showed how it was to be done, she held out. Approximately 250 persons attended the event.

Social chairmen were Thomas Marlow and education-Oreland; David Steinberg (10th - arts and letters - Philadelphia), James Coffman (11th - secondary education-Oil City) and Beverly Brasof (2nd - liberal arts-Drexel Hill).

Prof Receives Glass Grant

The Pittsburgh Plate Glass Company has awarded a grant to Vincent L. Pass, assistant professor of architectural engineering, for a research project dealing with solar transmission and low temperature radiation from fiber glass draperies.

Pass and Kenneth Pukita, a graduate student in architectural engineering, are working to determine the solar heat loss of a room when there are inside shading devices in combination with a glass area.

The grant, which was originally for the period from September to December, 1964, has been extended through the winter. Pass was on leave from his teaching duties last term and completed a report which was sent to the Pittsburgh Plate Glass Company.

This work summarizes the experimentation that he has carried out during the past two summers concerning quantitative aspects of solar radiation control. The work is being carried out at the Solar Effects Research Building on east campus.

Term Graduation Set for Mar. 21

Commencement exercises for the winter term will be held at 2 p.m., Sunday, March 21 in Recreation Building.

The exercises will be open to all with no tickets of admission required.

Soviets Contaminate Air

The United States reported last night that the Soviet Union's largest underground nuclear test to date—conducted last Friday—released radioactivity into the atmosphere outside Russia. The Atomic Energy Commission, disclosing this, rated the Soviet test in the intermediate range—the equivalent of 20,000 to 1 million tons of TNT. The atomic bomb dropped on Hiroshima in World War II was the equivalent of 20,000 tons of TNT. The AEC attributed the release of radioactivity to "venting" which is the release above ground of radioactive materials from a blast supposed to be confined beneath the ground. The test took place in the Semipalatinsk region of south central Asia. The State Department disclosed that U.S. air sampling planes picked up traces of the radioactive fallout over the Sea of Japan Tuesday.

Britain Appeals to Russia

Britain appealed yesterday to the Soviet Union to take the lead in making a financial contribution that would put the United Nations on the road to solvency and avoid a U.S.-Soviet showdown over assembly voting rights. The initial response from the Soviets was not encouraging. Comment from other U.N. diplomats indicated no agreement on the financial crisis was in sight. Lord Caradon, British minister of state, made the appeal in a policy speech to the 115-nation General assembly—

Balloting Ends Today for USG

Voting continues today in the third and final day of balloting for this term's crucial Undergraduate Student Government election.

The referendum proposing the abolition of USG, the freshman class presidency and eleven open seats on the remodeled USG Congress will be decided in the voting today.

In the first two days of voting, 2,553 of the estimated 18,000 eligible students have cast their ballots, according to Larry Hern, elections commission chairman.

General turnout is higher during this election compared to the last congressional election in the fall of 1963 when only 2,800 students participated in the three-day voting period.

While only 13.8 per cent of the student body has voted in the election, 1,385 students voted on the issues today, Hern said.

All students may vote for the referendum proposing that USG be abolished. Only first and second term students are eligible to vote for the freshman class presidency. Students may vote only for the congressional candidates who are running from their areas.

"The elections commission will begin counting the ballots at 7 p.m. tonight, and results should be available by 9 p.m.," Hern said.

He reported that no complaints have been registered with him "to date" concerning infractions of the elections code.

"The elections code states that personal campaigning cannot be conducted within 100 feet of the polls and that written campaign materials should not be posted within 50 feet of the polls," he said. "Today all infractions of this ruling will be strictly enforced."

Totals for yesterday's voting by individual area are: North Halls, 216; McElwain, 95; Simmons, 111; Pollock Circle, 214; Atherton, 41; East Halls, 184; South Halls, 183; West Halls, 75; and HUB, 285.

Only 249 students voted for the freshman class presidency yesterday of the estimated 4,000 eligible. Voting for the post are: Alan Buck, Campus Party; Daniel Clements, Liberal Party; and Wayne Zweig, University Party.

Congressional candidates, who amassed 1,374 votes yesterday, are:

Campus Party
Simmons-McElwain-Atherton-Leslie Evans; West Halls, Robert Lewis; East Halls, Edward English; Pollock-Nittany, Douglas Waldmann and Richard Weintraub; Town, James Caplan; Philip Henning and Edward Munn; and Fraternity, Gordon Junker.

University Party
South Halls, Cheryl Johns; Simmons-McElwain-Atherton, Patricia Riezi; North Halls, Richard Grovich; East Halls, Victor Hammel; West Halls, Michael White; Pollock-Nittany, Adelaide Andrews and Carol Ritch; Fraternity, Jack Smith.

Liberal Party
North Halls, Marvin Peebles; Pollock-Nittany, Stephen Shernip and Susan Raleigh; Town, Jeffrey Roberts; and Fraternity, Dale Moiser.

Elections commissioners, who work under Hern, are: Sheila Orling and Cindy Cameron, scheduling; Edward Cressman, publicity; and James Hicks, ballot coordination.

Elections End Tonight at 6

Today is the last day to vote in the Undergraduate Student Government Congressional election and referendum.

Polls remain open today from 11:30 to 1 p.m. and 4:30 to 6 p.m. in all living area dining halls. Students may vote only for the candidates who are running from their areas.

Voters from the fraternity areas, town and commuters may cast their ballots from 9 a.m. until 6 p.m. at booths located on the ground and first floors of the Hertz Union Building.

All undergraduates may vote, whether or not they are registered with a campus political party. A student must present his matriculation and activities card before voting.

TV Head To Appear On WFBG

Marlowe Froke, director of the University's educational television station, WPSX-TV, will discuss "Penn State on the Air" today on the television series, "Second Chair." The series, produced by the University, is seen daily Monday through Thursday on Channel 10, WFBG-TV, Altoona.

Dante V. Scalz, director of the Office of International Student Affairs, spoke Monday on "Foreign Students at Home at Penn State."

Ferard de la Villesbrunes, counselor in the French Embassy, Washington, D.C., spoke on "French Attitudes in Southeast Asia," yesterday.

Tomorrow's program will feature Barbara J. Specht, residence coordinator in the office of the dean of women on "The Resident Penn State Woman."

H. William Simington, supervisor of study discussion groups in the Center for Continuing Liberal Education, will speak on "The Changing and Challenging Worlds of the Humanities, the Social Sciences, and International Affairs" Friday.

Home Ec Weekend Scheduled

"Meeting Human Needs Through Clothing and Textiles" has been chosen as the theme for Home Economics Spring Weekend which will be held on Friday and Saturday, Apr. 9 and 10.

On Friday a program of lectures, demonstrations and exhibits, designed to stimulate and inform teachers, students, professional home economists and homemakers will be held. The exhibits will remain open Saturday morning, at which time the faculty will be available for conferences.

Organized groups having interests related to home economics will also meet on Saturday morning. In addition to the regular Friday agenda, a special program for high school students will be presented.

The planning committee for the weekend includes representatives from student organizations, alumni of the College of Home Economics, and the Centre County Home Economics Homemakers.

Ruth Ayres, head of the Department of Clothing and Textiles, is faculty program chairman and Stephen Vargo (11th - hotel and institution administration-Phoenixville) is student chairman.

Last year, Spring Weekend attracted approximately 1,600 visitors from 27 states as well as from 46 counties in Pennsylvania. Most of the visitors were students, alumni and professional home economists.

Swedish Education Analyzed

Sweden's five national universities have no voice in the selection of their students, Torsten Hagerstrand, visiting geography lecturer, said in an interview yesterday.

Hagerstrand, comparing the Swedish educational organization with the American system, said university entrance is determined by a student's performance at the "gymnasium," a three-year preparatory school equivalent to the American secondary school, plus freshman and sophomore years at a college or university.

All Swedish children are required to attend school until the age of 16, Hagerstrand said. Students must then prepare for university work at the three-year gymnasium or spend one, two or three years at a trade school to obtain some specialized skill for more immediate employment.

Very High Quality

The quality of teachers in the gymnasium, Hagerstrand noted, is "very high with the majority holding doctorate degrees." Students must have a working knowledge of English, German and French, in addition to Swedish, to attend a university. Approximately 12 to 15 per cent of the age group eligible to attend a university continue their education. The number of male and female students is about equal. Hagerstrand said "a student is a student" and discrimination due to sex is unheard of in Swedish educational circles.

After preparing students for the higher academic life of a university, the gymnasium selects the students who are qualified to attend a university by examinations, similar to the American college boards.

Students who are qualified are then permitted to choose any one of the five universities, giving the university no say in the selection of its students. However, most students are of equal ability because the Swedish system is highly standardized, Hagerstrand commented.

No Textbooks

The universities do not use textbooks, but students are given a reading list for each area of study. The reading lists are more suggestions than requirements, indicating what the student is supposed to know about the subject.

Undergraduates, Hagerstrand said, must spend approximately one year in three different departments of the university. During this time, undergraduate (Continued on page three)

Research May End Coal Refuse Heaps

Coal refuse, mountainous banks of waste material from mining, has plagued the countryside of Pennsylvania for almost a century. Now a research project, centered in the Department of Mineral Sciences is close to eliminating those unsightly heaps.

One hundred forty such refuse banks are burning in varying degrees in the northern and southwestern parts of the state adding a "gloomy bugaboo" to these coal mining regions. Some of them have been burning for half a century.

The "gob" piles or "culm" banks, as they are called, pour thousands of tons of pollutants into the air each year.

In the fall of 1962 the Department of Mineral Sciences under the direction of H. Beecher Charnbury undertook a request by the department of Health, Education, and Welfare to work on a new approach to eliminate the air pollution.

Leaving Penn State to become Pennsylvania's Secretary of Mines, Charnbury put the project into the hands of James K. Kindig, research engineer in the department.

Pilot Plant

Near the small mining town of Barnesboro in Cambria County a pilot plant was completed this month, utilizing the methods of Charnbury and Kindig.

From these hazardous piles 50 tons of refuse per hour is being eliminated by a process that uses a "heavy" liquid to separate usable high-ash coal from non-burnable rock.

In illustrating the concept of a "heavy" liquid Kindig compared the solution to one of water and fine powder. When a handful of iron filings and sawdust is thrown into the solution, the iron will sink to the bottom. "We do the same thing with coal and stone," Kindig explained.

Kindig estimates that the research project will be completed by September, 1966.

Churchill Clings To Life

from the associated press

Sir Winston Churchill's struggle for life carried into its sixth day today with no sign of the 90-year-old statesman staging a rally. As the vigil continued, the street in front of Sir Winston's London home was cleared of crowds at the request of Lady Churchill. Lord Moran, Churchill's personal physician, spent 31 minutes with him last night and reported no appreciable change in his condition since the morning. Churchill took a turn for the worse early yesterday and he slept through the day. Medical experts viewed the latest bulletin as a sign of further deterioration. Despite Churchill's valiant stand, the nation held no hope for his recovery and prepared for his death. Moran's evening bulletin was the 11th since Churchill suffered a stroke last Friday.

62 Negroes Arrested

A club-carrying sheriff arrested 62 Negroes when they sought to enter an Alabama county courthouse through the front door to seek registration as voters yesterday. Four others, including a Negro businesswoman and one time candidate for Congress—Amelia Boynton—were arrested earlier in the day as Negroes led by Dr. Martin Luther King Jr. continued their new civil rights campaign. King went immediately to Justice Department officials there with a request for intervention in hope of getting some Negroes registered and a court order to prevent Sheriff James G. Clark from interfering further. Meanwhile, at Tusaloosa, home of the University of Alabama, six restaurants lowered century-old racial barriers yesterday and served Negroes seeking a test of the Civil Rights Act. The restaurants were among 15 cited by the Justice Department for refusing to serve Negroes last summer.

Gemini Spacecraft Ends Flight

An unmanned Gemini spacecraft successfully survived a blistering suborbital test flight yesterday, ending months of frustration for U.S. man-in-space plans and clearing the way for astronauts Virgil I. Grissom and John W. Young to ride a similar capsule into orbit in April. After the spacecraft had been retrieved from the sea and secured on the deck of an aircraft carrier at the end of its 19-minute flight, Grissom told a news conference: "There are a lot of happy people here today. But I doubt anyone is happier than John and I. We now see the road clear to our flight and we're looking forward to it." Young agreed with Grissom. Everything worked with almost clocklike precision on the flight, the final unmanned mission scheduled in the Gemini program.

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the world: jan. 20

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